DOCUMENT RESUME

ED 255 243 JC 850 082

AUTHOR Radcliffe, Susan K.
TITLE Analysis of Fall 1984 Credit Enrollment. Research Report Number 39.
INSTITUTION Howard Community Coll., Columbia, MD. Office of Research and Planning.
PUB DATE Dec 84
NOTE 61p.
PUB TYPE Statistical Data (110) -- Reports - Research/Technical (143)

EDRS PRICE MF01/PC03 Plus Postage.
DESCRIPTORS Age; Community Colleges; Day Students; *Enrollment Trends; Evening Students; Females; *Full Time Equivalency; Full Time Students; Majors (Students); Males; Part Time Students; *Student Characteristics; Two Year Colleges; *Two Year College Students

ABSTRACT

This analysis of fall 1984 credit enrollment represents an attempt to understand patterns of enrollment at Howard Community College (HCC) with respect to student demographics and registration status. Highlighted findings include the following: (1) credit enrollments were down for most categories with the most dramatic declines seen in part-time students, females, day students, recent Howard County high school graduates, and returning students; (2) enrollment declines appeared to be system-wide throughout Maryland community colleges; (3) factors related to enrollment declines were identified as lower unemployment, increased spending on consumer goods, new four-year institutions in Howard County and additional course offerings at these institutions, and new grading policies at HCC; (4) major shifts in enrollment patterns were the declines in the enrollments of females, recent county high school graduates, and first-time students; and (5) an increase in readmitted student enrollments was seen as a possible result of spring and summer recruitment activities. The bulk of the report consists of data tables and graphs. (LAL)

**********
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
**********

ED255243

# ANALYSIS OF FALL 1984 CREDIT ENROLLMENT

by

Susan K. Radcliffe

Coordinator of Institutional Research

Howard Community College

Research Report Number 39

December 1984

Technical Assistance:

Cheryl Baxter
Gaye Holcomb
Ellen Jenkins
Charlotte Monroe
Nancy Rabideaux

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

S. K. Radcliffe

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF EDUCATION
NATIONAL INSTITUTE OF EDUCATION
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☐ This document has been reproduced as received from the person or organization originating it.

☒ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official NIE position or policy.

JC 850 082

TABLE OF CONTENTS


Page

List of Tables.....iii

List of Charts.....iv

Introduction.....v

Summary of Findings and Recommendations.....1

Appendices

Appendix A - Maryland Community Colleges.....A-1

Appendix B - Retention Data on Non-Returning Students.....B-1

LIST OF TABLES


| Table | | Page |
|---|---|---|
| I | Headcount and Full-Time Equivalent (FTE) Enrollments | 4 |
| II | Fall 1983 to Fall 1984 Comparisons by Sex | 8 |
| III | Fall 1983 to Fall 1984 by Day and Evening Registration | 14 |
| IV | Fall 1983 to Fall 1984 Comparisons by Sex and Registration Status | 17 |
| V | Fall 1983 to Fall 1984 Comparisons by Attendance and Registration Status | 20 |
| VI | Fall 1983 to Fall 1984 Comparisons by Academic Programs | 22 |
| VII | Five-Year Overview of Howard Community College Program Enrollments | 23 |
| VIII | Fall 1983 to Fall 1984 Comparisons by Howard County High Schools | 24 |
| IX | Fall 1983 and 1984 Age Distribution by Sex | 26 |
| X | Enrollment Change Patterns by Percentage | A-3 |

LIST OF CHARTS


| Chart | | Page |
|---|---|---|
| I | Howard Community College Enrollment Changes | 3 |
| II | Headcount and FTE Enrollment | 5 |
| III | Declines in Headcount and FTE | 6 |
| IV | Percentage Changes in Enrollment | 7 |
| V | Enrollment Changes by Sex | 9 |
| VI | Percent Changes by Sex | 10 |
| VII | Enrollment by Sex and Attendance Status | 11 |
| VIII | Changes in Enrollment by Sex | 12 |
| IX | Changes in Enrollment by Sex | 13 |
| X | Day and Evening Enrollment | 15 |
| XI | Changes in Day and Evening Enrollments | 16 |
| XII | Enrollment Decreases by Registration | 18 |
| XIII | Enrollment by Registration Status | 19 |
| XIV | Changes by Registration and Attendance | 21 |
| XV | County High School Graduates at Howard Community College | 25 |
| XVI | Changes in Male Agegroup Enrollments | 28 |
| XVII | Changes in Female Agegroup Enrollments | 29 |
| XVIII | Change in Total Agegroup Enrollment | 30 |
| XIX | Enrollment Patterns by Percentage | A-2 |




BEST COPY AVAILABLE

## INTRODUCTION

This analysis of Fall 1984 Credit Enrollment represents an attempt to understand patterns of enrollment at Howard Community College with respect to demographic categories of students as well as registration status. For example, the Research Office has tried to show how enrollment has changed in various student population groups.

The method of reporting enrollment has changed this fall. Non-traditional enrollment in post-secondary education has been increasing in recent years at HCC and other institutions. Traditional methods of reporting include only the "regular" semester - which means the official third-week statistics as required by the Maryland State Board for Community College. Howard Community College has instituted additional fall sessions each year. In Fall 1984, there are three additional fall sessions (year-sessions 8409, 8410 and 8411) which amount to almost 30 FTE enrollments and 105 unduplicated headcount enrollments.

These additional fall sessions have been added to the Fall 1984 reported credit enrollment. In order to compare Fall 1984 to Fall 1983, the additional sessions for Fall 1983 (year-sessions 8309, 8310 and 8311) have been backed in by hand for purposes of analysis.

A Summary of Findings and Recommendations follows immediately. Following the summary are tables and graphs detailing enrollment changes.

Questions and discussions concerning this report can be directed to the Office of Institutional Research.



BEST COPY AVAILABLE

## SUMMARY OF FINDINGS AND RECOMMENDATIONS

Credit enrollments are down for most categories. The most dramatic declines are in the following categories:

- Part-time students.
- Part-time and full-time females. This reverses the trend which appeared last spring and in the preliminary enrollment analysis.
- Part-time and full-time day students. This reverses the trend observed in the preliminary analysis (July 1984).
- Recent Howard County high school graduates.
- Returning students. (Readmitted student enrollments are up.)

Enrollment declines, as in Spring 1984, appear to be system-wide throughout Maryland community colleges (see Appendix A).

Major factors, as in Spring 1984, continue to be:

- Lower unemployment.
- Increased spending on consumer goods.

Other factors may be:

- New four-year institutions in Howard County and additional course offerings in those institutions.
- Indirect effects of new grading policy - adults (particularly females with other major responsibilities) may be less willing to pay for a course with punitive grading.

Two new major changes are:

- The decline in female enrollment which actually began last fall.
- The decline in recent Howard County high school graduates attending Howard Community College.
- The decline in first-time students.

Targeted recruitment activities are recommended for the following groups:

- Non-returning females.
- Howard County high school students.
- Part-time non-returning students.
- Continuing efforts to recruit non-returning males.



BEST COPY AVAILABLE

Stepped up recruitment for Howard County high school students is supported by data.

There is some evidence that spring and summer recruitment activities have been successful since readmitted student enrollments are up from last fall.

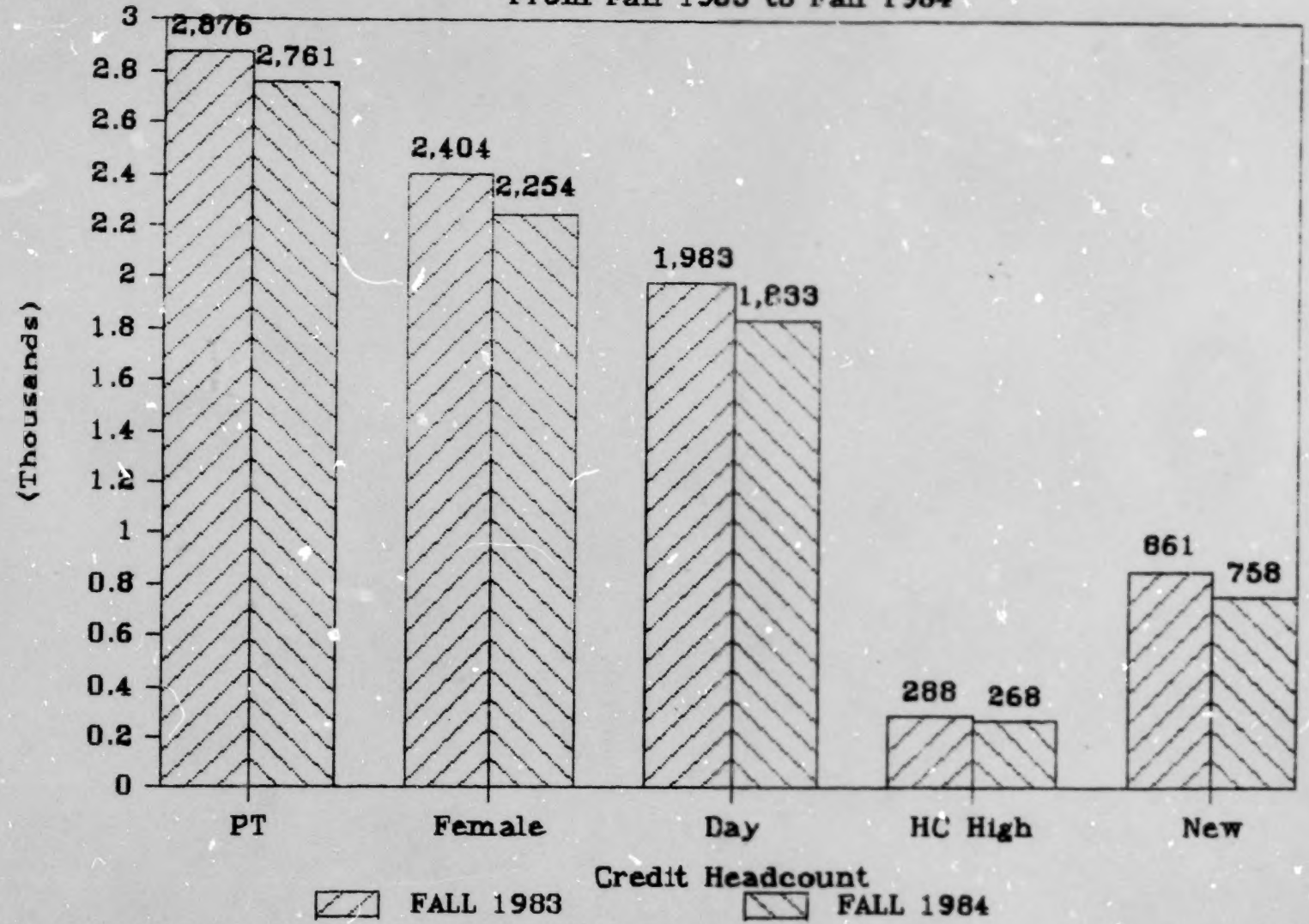
Further investigation of the relationship with financial aid per FTE is recommended.

December 1984

# CHART I

## HCC ENROLLMENT CHANGES

From Fall 1983 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84

BEST COPY AVAILABLE

# FALL 1984 ENROLLMENT TABLES

TABLE I

HEADCOUNT AND FULL-TIME EQUIVALENT (FTE) ENROLLMENTS

**********

Enrollment declines can be seen in all four categories: full- and part-time headcount, and full- and part-time FTE enrollment.

The most dramatic declines are seen in the part-time enrollments - a decline of 115 students (4%) from Fall 1983. The FTE decline or part-time students was 3.17% (15 FTE).

**********

TABLE I

| | Fall 1983 * | | Fall 1984 * | | Difference | |
|---|---|---|---|---|---|---|
| | N ** | % | N | % | N | % |
| FT Head | 792 | 21.80% | 773 | 21.87% | (19) | -2.40% |
| PT Head | 2876 | 78.20% | 2761 | 78.13% | (115) | -4.00% |
| FT FTE | 365.6 | 43.68% | 356.5 | 43.86% | (9) | -2.50% |
| PT FTE | 471.3 | 56.32% | 456.4 | 56.14% | (15) | -3.17% |
| HEADCOUNT | 3668 | 100.00% | 3534 | 100.00% | (134) | -3.65% |
| FTE | 837.0 | 100.00% | 812.9 | 100.00% | (24) | -2.88% |

* Figures include all Fall enrollments: regular third-week fall statistics; Mini-mester enrollments; and other fall sessions (8409,8410,8411). This represents a new method of enrollment reporting for Fall 1984; Fall 1983 1983 figures have been revised to include other sessions (8309,8310, 8311) so that comparisons can be made.

** N = Number of students

07-Jan-85

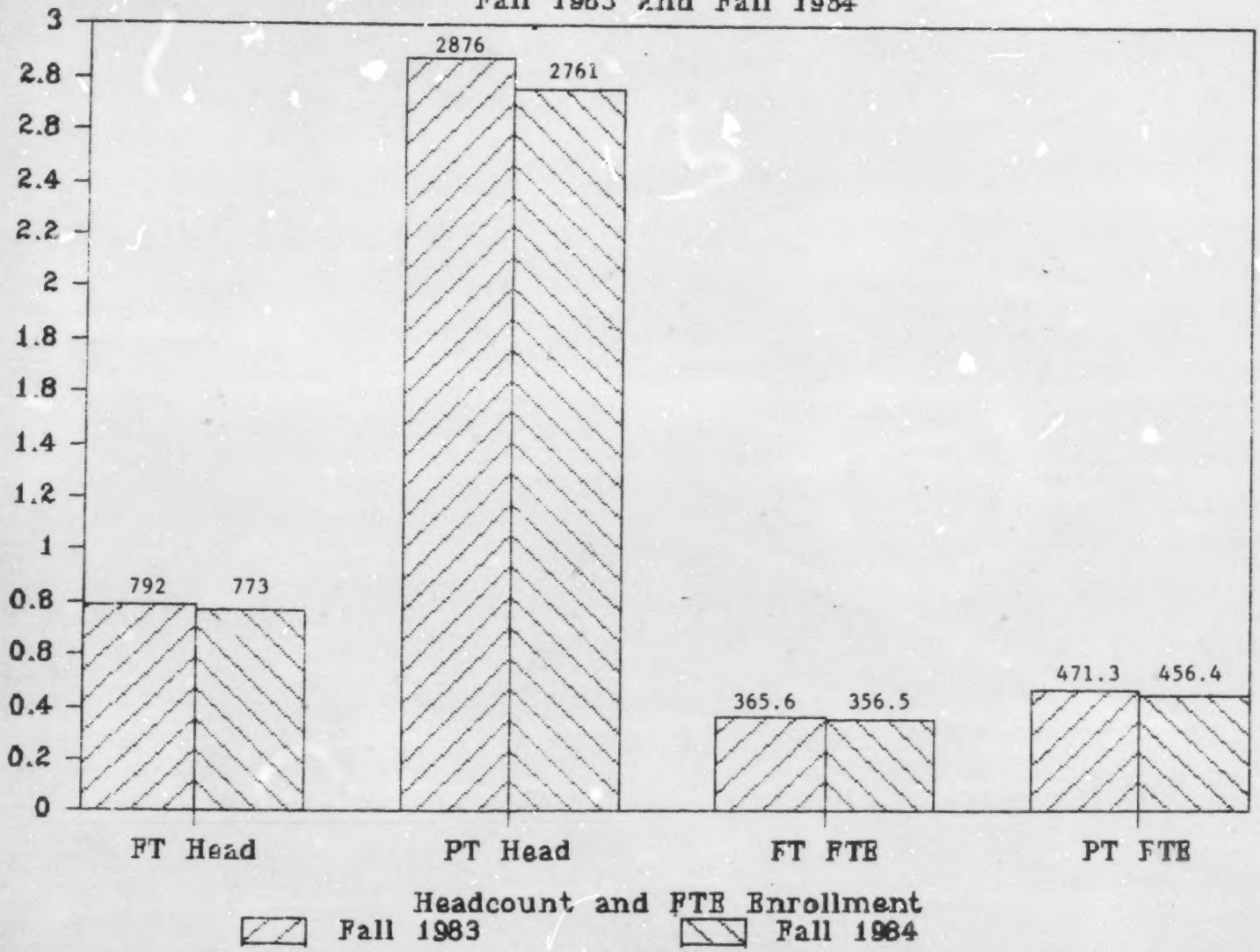


BEST COPY AVAILABLE

# CHART II

## HEADCOUNT AND FTE ENROLLMENT

Fall 1983 and Fall 1984



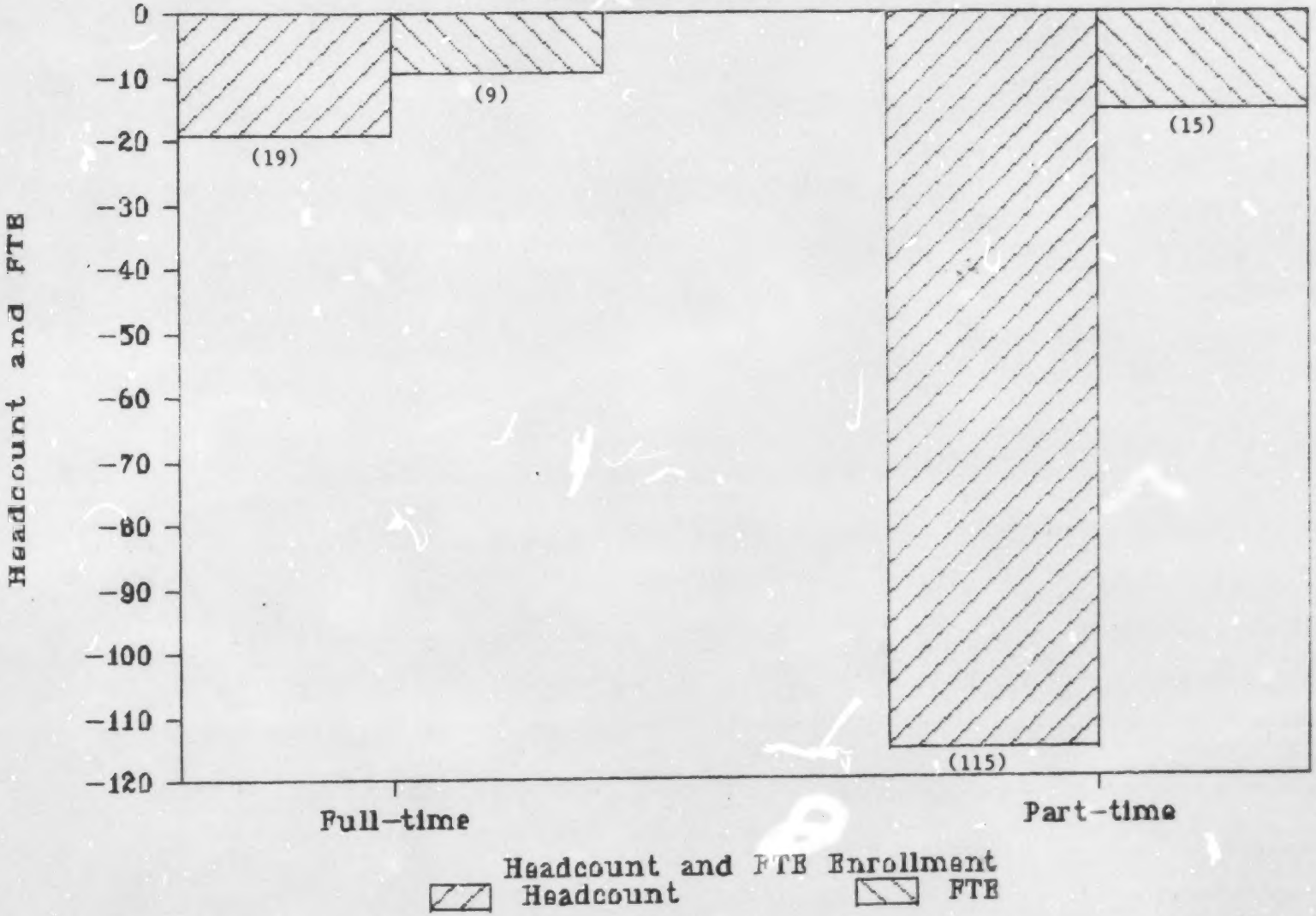

Howard Community College
Office of Institutional Research
29-Nov-84

BEST COPY AVAILABLE

# CHART III

## DECLINES IN HEADCOUNT AND FTE

From Fall 1983 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84

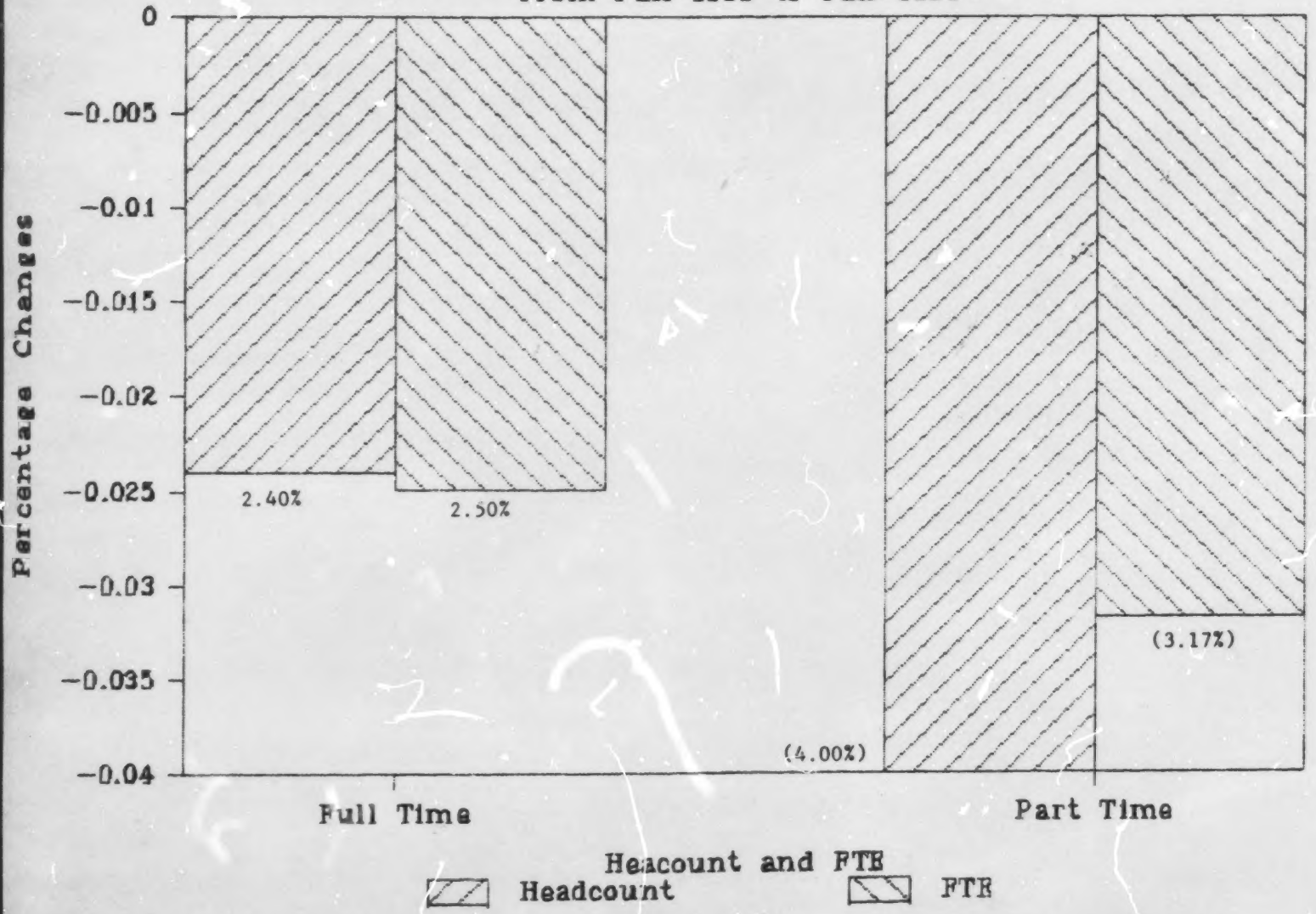


BEST COPY AVAILABLE

# CHART IV

## PERCENTAGE CHANGES IN ENROLLMENT

From Fall 1983 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84

BEST COPY AVAILABLE

TABLE II

BEST COPY AVAILABLE

FALL 1983 TO FALL 1984 COMPARISONS BY SEX

**********

Declines appear in all categores except full-time males. (The increase in this category is due to the 17 males enrolled in the other fall sessions.

The most dramatic decline by percentage is in the full-time female category - a decline of 8.74% (36 students).

The most dramatic decline is in absolute numbers is the part-time female category which shows a decline of 114 students (5.72%) from Fall 1983.

The decline in female enrollments began in Fall 1983. That decline was substantial (150 students or almost 6%) and was accompanied by a drop in the median age of females, particularly part-time females. This indicates that it is the nontraditional age females who are not attending.

An increase in Fall 1983 male enrollments of 1.27% (16 students) did not quite offset the decrease in female enrollments. However, since full-time enrollment increased, the FTE enrollment did not decline in Fall 1983.

**********

TABLE II: FULL- AND PART-TIME STUDENT BY SEX (Headcount)

| | Fall 1983* | | Fall 1984* | | Difference | |
|---|---|---|---|---|---|---|
| | N | % | N | % | N | % |
| FT Male | 380 | 10.4% | 397 | 11.2% | 17 | 4.47% |
| FT Female | 412 | 11.2% | 376 | 10.6% | (36) | -8.74% |
| PT Male | 884 | 24.1% | 883 | 25.0% | (1) | -0.11% |
| PT Female | 1992 | 54.3% | 1878 | 53.1% | (114) | -5.72% |

TOTAL BY SEX (Headcount)

| | Fall 1983* | | Fall 1984* | | Difference | |
|---|---|---|---|---|---|---|
| | N | % | N | % | N | % |
| Male | 1264 | 34.5% | 1280 | 36.2% | 16 | 1.27% |
| Female | 2404 | 65.5% | 2254 | 63.8% | (150) | -6.24% |
| TOTAL | 3668 | 100.0% | 3534 | 100.0% | (134) | -3.65% |

CHANGES IN ENROLLMENT BY SEX FALL 1980 TO FALL 1984

| Fall | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| Male | 1050 | 1139 | 1243 | 1264 | 1280 |
| Female | 1992 | 2191 | 2407 | 2404 | 2254 |
| TOTAL | 3042 | 3330 | 3650 | 3668 | 3534 |

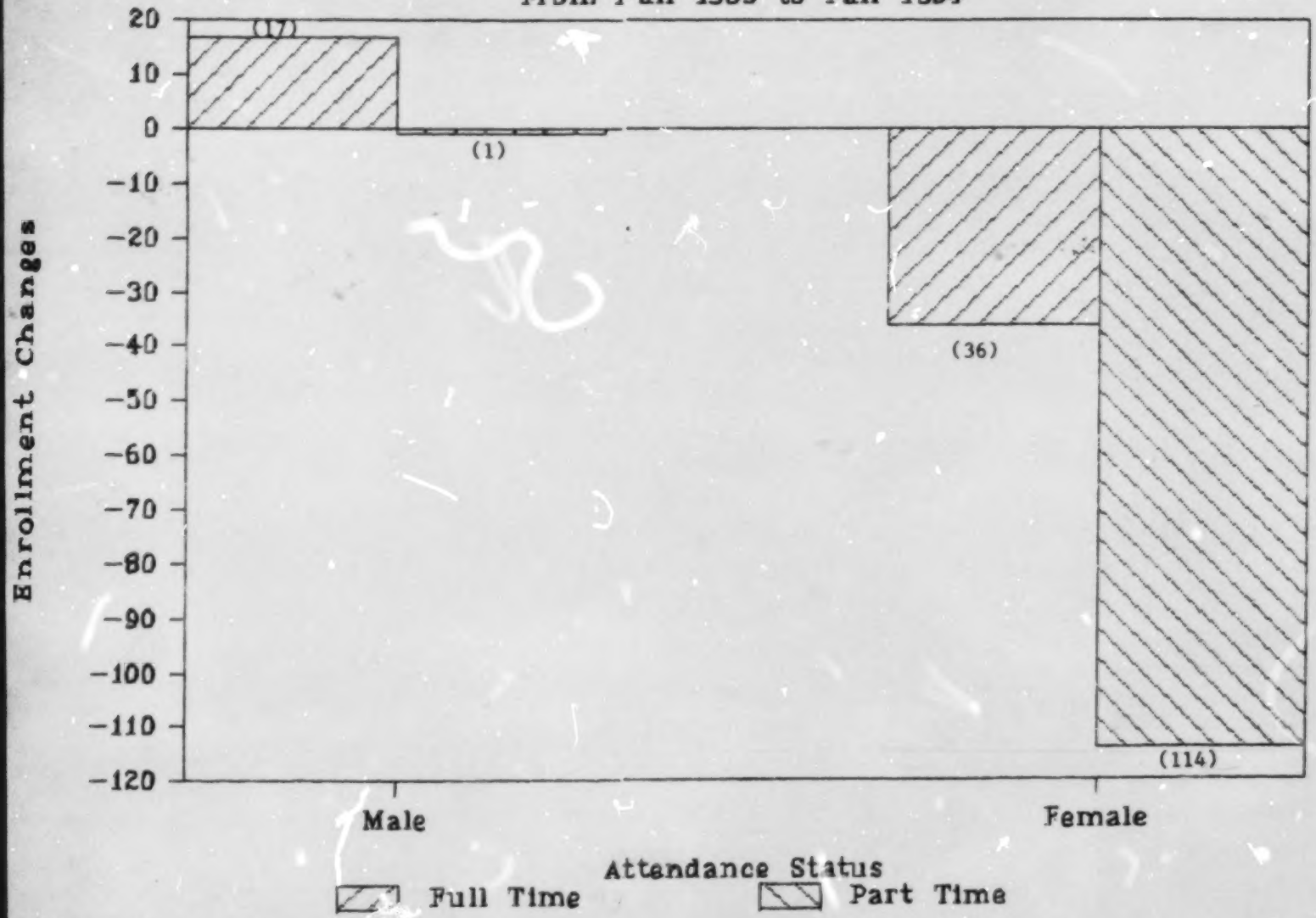


* Figures include all fall sessions for Fall 1983 and Fall 1984.

# CHART V

## ENROLLMENT CHANGES BY SEX

From Fall 1983 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84



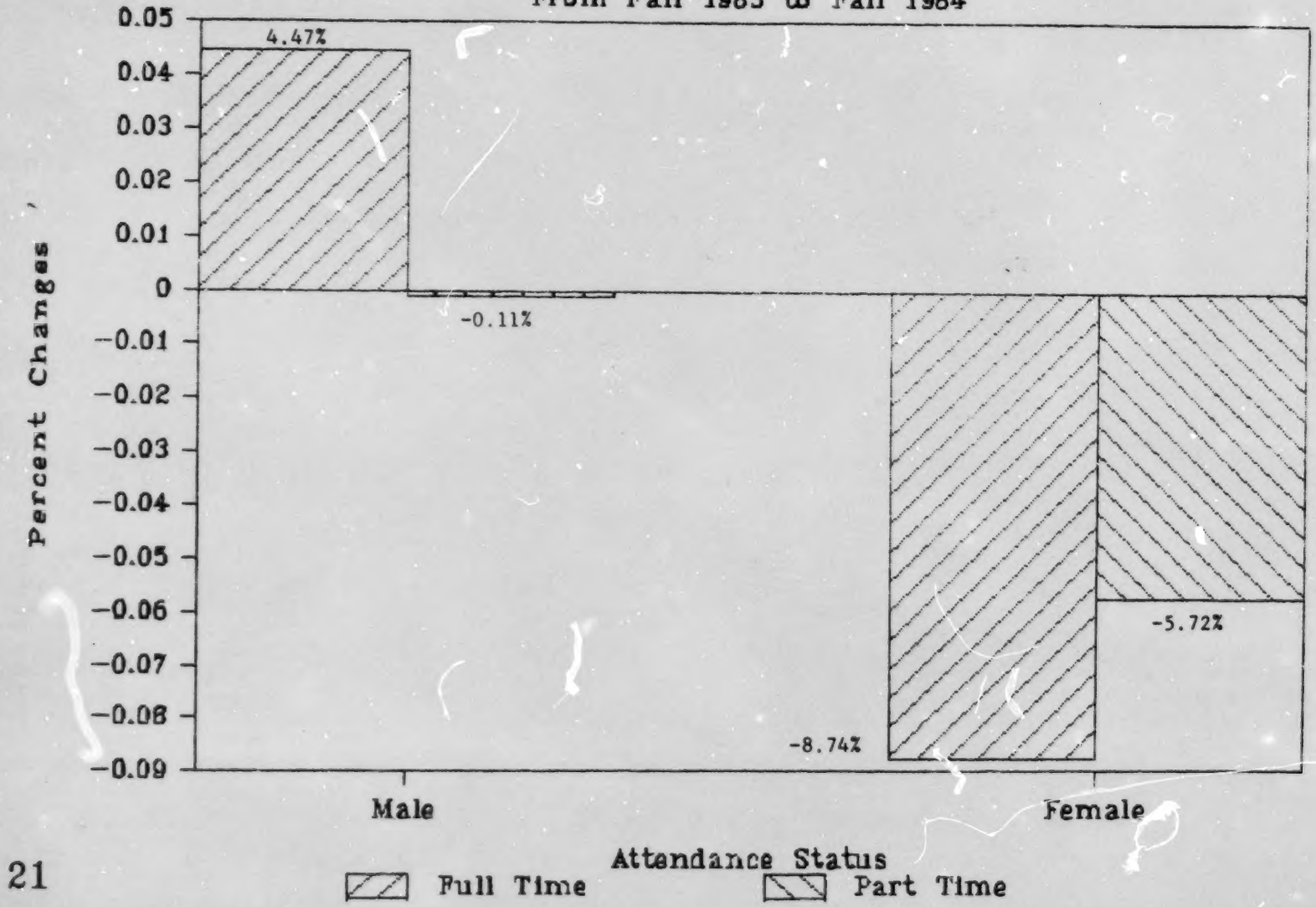


BEST COPY AVAILABLE

# CHART VI

## PERCENT CHANGES BY SEX

From Fall 1983 to Fall 1984





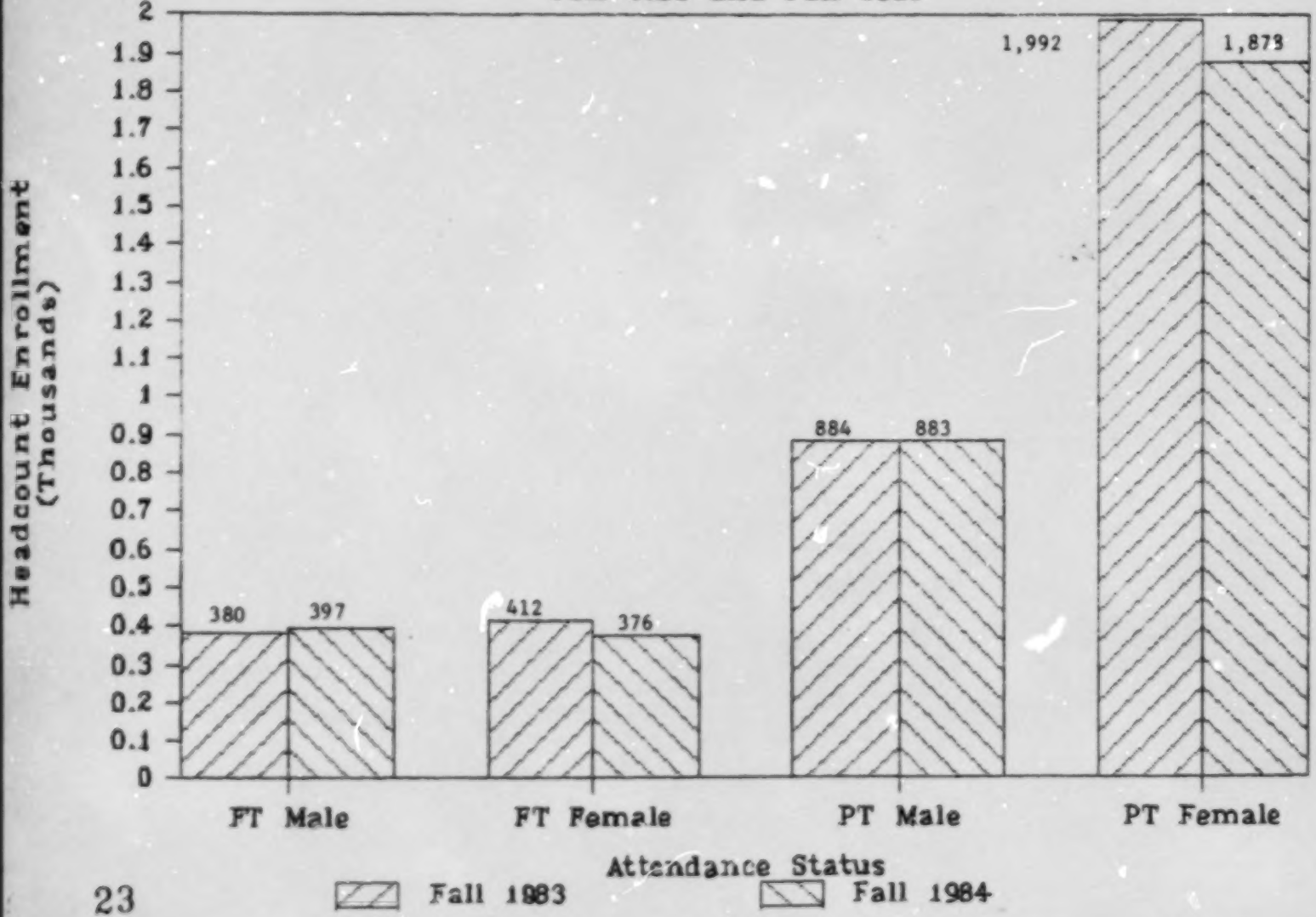

Howard Community College
Office of Institutional Research
29-Nov-84

BEST COPY AVAILABLE

# CHART VII

## ENROLLMENT BY SEX & ATTENDANCE STATUS

Fall 1983 and Fall 1984







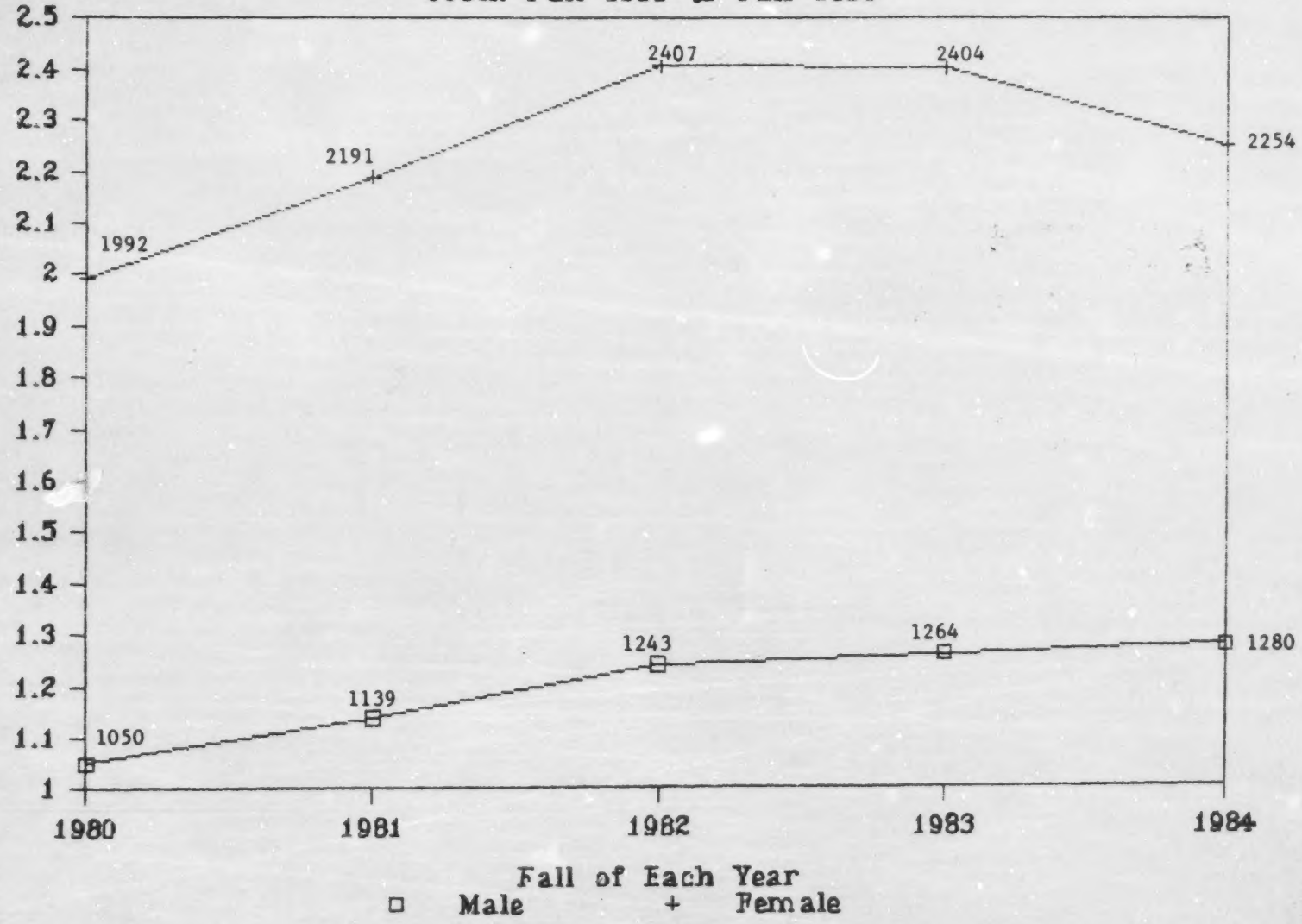

Howard Community College
Office of Institutional Research
29-Nov-84

BEST COPY AVAILABLE

# CHART VIII

## CHANGES IN ENROLLMENT BY SEX

From Fall 1980 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84

25

BEST COPY AVAILABLE

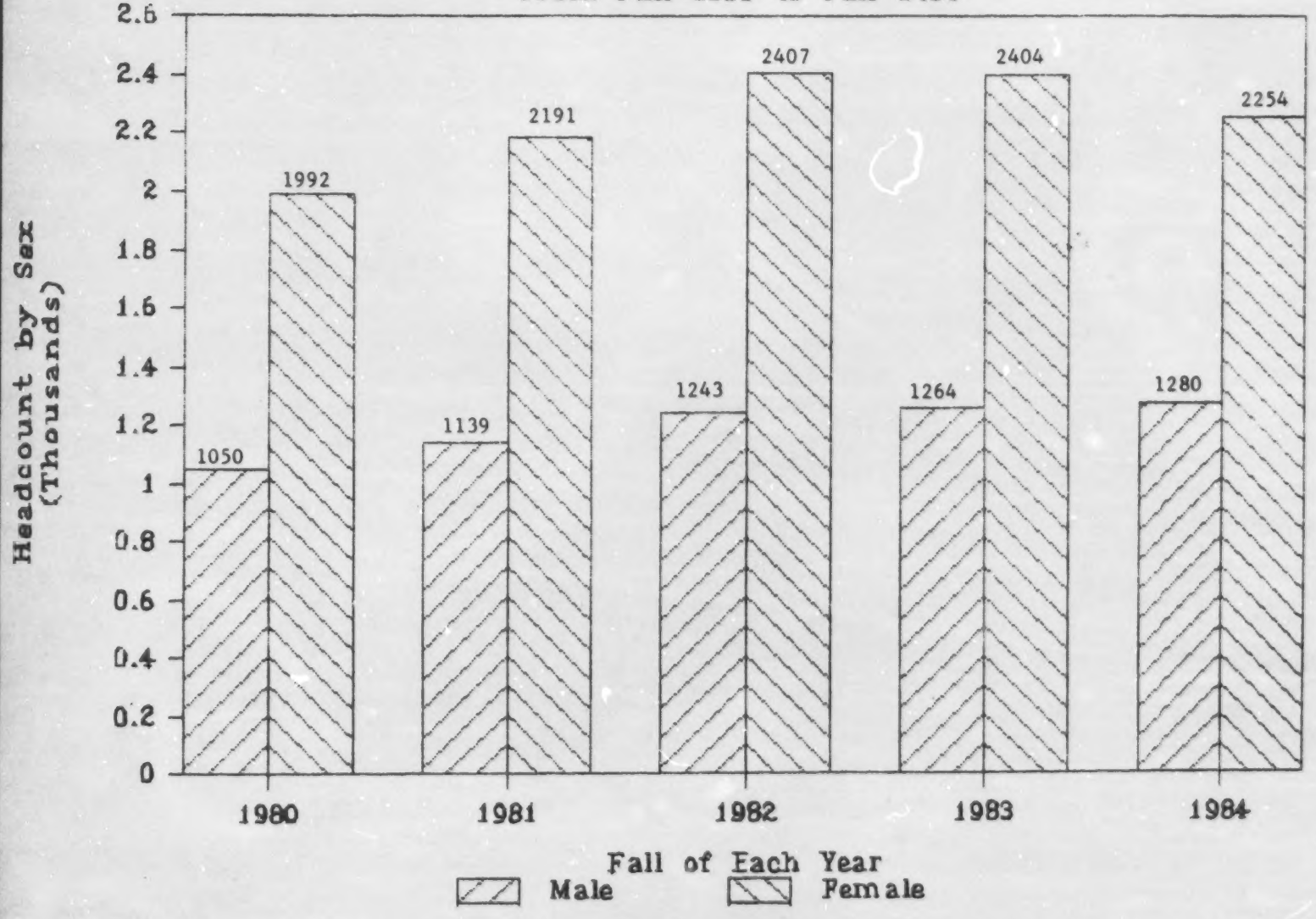
26

12

# CHART IX

## CHANGES IN ENROLLMENT BY SEX

From Fall 1980 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84

BEST COPY AVAILABLE

TABLE III

FALL 1983 TO FALL 1984 BY DAY AND EVENING REGISTRATION

**********

Day enrollments are dramatically lower in full- and part- time categories. These decreases, too, are almost all females (see Table II).

Full-time evening students (those who are carrying 12 or more credits with more than half of those credits taken in the evening) are the only group which has increased (by 23 students).

**********

TABLE III: FULL- AND PART-TIME DAY AND EVENING STUDENTS

| | Fall 1983 | | Fall 1984 | | Difference | |
|---|---|---|---|---|---|---|
| | N | % | N | % | N | % |
| FT Day | 728 | 19.8% | 686 | 19.4% | (42) | -5.8% |
| FT Evening | 64 | 1.7% | 87 | 2.5% | 23 | 35.9% |
| PT Day | 1255 | 34.2% | 1147 | 32.5% | (108) | -8.6% |
| PT Evening | 1621 | 44.2% | 1614 | 45.7% | (7) | -0.4% |
| TOTAL | 3668 | 100.0% | 3534 | 100.0% | (134) | -3.7% |

TOTAL (Headcount)

| | Fall 1983 | | Fall 1984 | | Difference | |
|---|---|---|---|---|---|---|
| | N | % | N | % | N | % |
| Day | 1983 | 54.1% | 1833 | 53.5% | (150) | -7.6% |
| Evening | 1685 | 45.9% | 1701 | 49.6% | 16 | 0.9% |
| TOTAL | 3668 | 100.0% | 3429 | 103.1% | (239) | -6.5% |

* Figures include all fall sessions for Fall 1983 and Fall 1984.

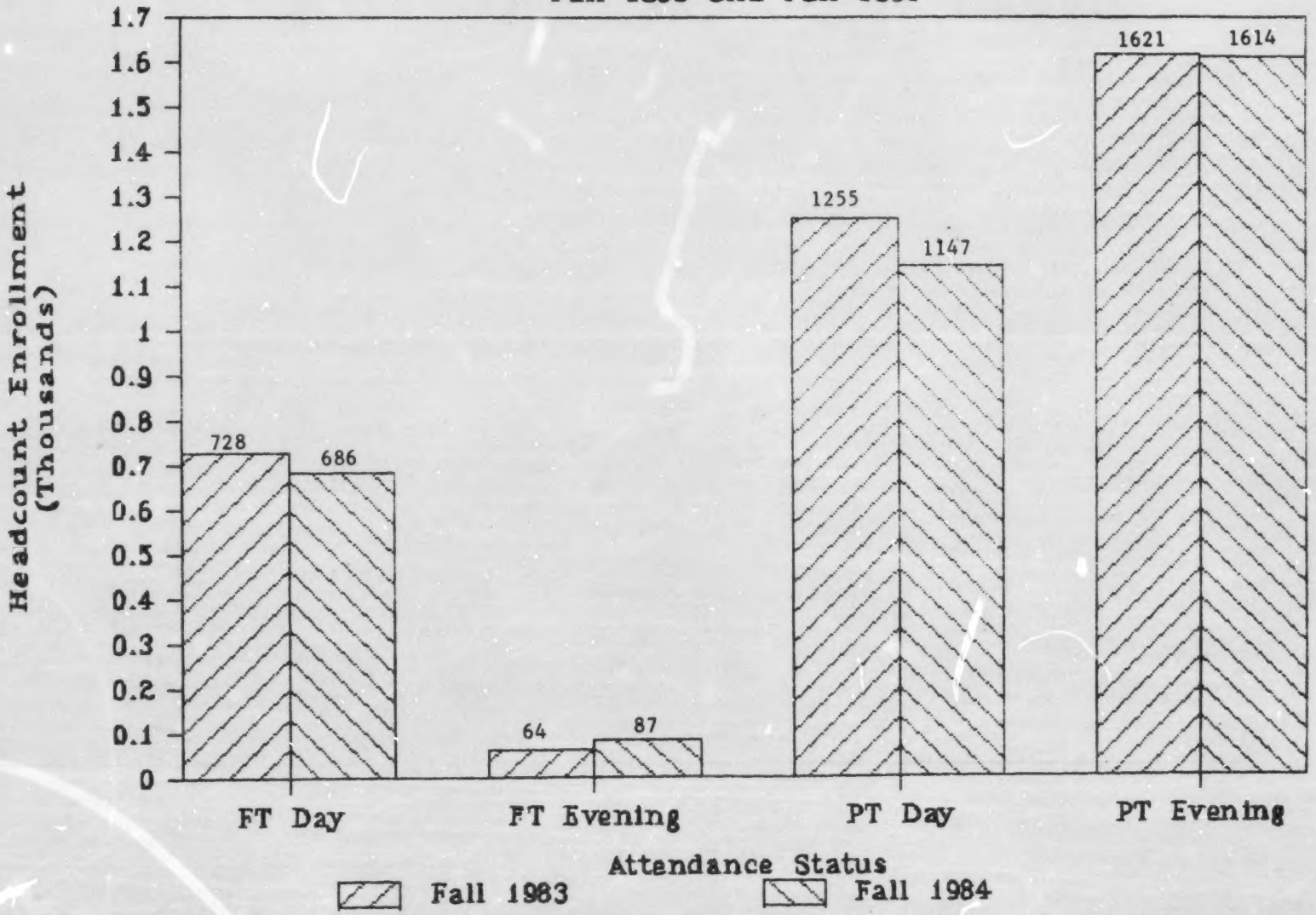
07-Jan-85

BEST COPY AVAILABLE

# CHART X

## DAY AND EVENING ENROLLMENT

Fall 1983 and Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84

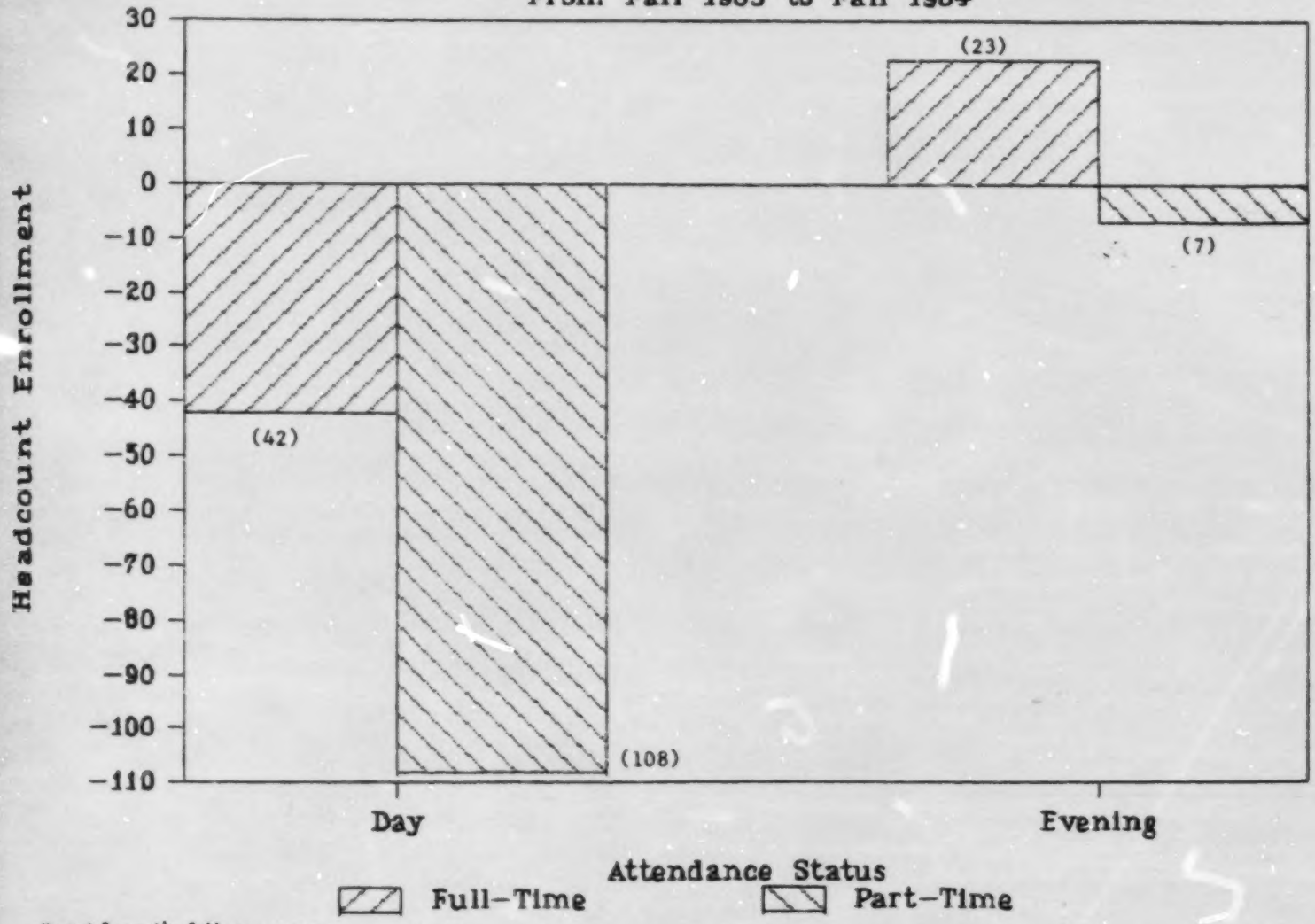


BEST COPY AVAILABLE

# CHART XI

## CHANGES IN DAY AND EVENING ENROLLMENTS

From Fall 1983 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84



BEST COPY AVAILABLE

TABLE IV

FALL 1983 TO FALL 1984 COMPARISONS BY SEX AND REGISTRATION STATUS

**********

Readmitted students increased from Fall 1983 to Fall 1984 by 100 students or 36%. All other categories decreased. This may indicate that recruitment activities have been successful (see Appendix B).

The most dramatic decrease was in the "first time" category, which declined by 103 students or 12%.

First-time females decreased by almost 20%. First-time males increased by 1.3% (4 students).

Transfer students declined by 8.8% (48 students), and returning students declined by 69 students (3.5%).

This table highlights the only category of males which decreased: transfer students.

All categories of females decreased except for the readmit students.

**********

NEW AND RETURNING STUDENTS

| | Fall 1983 | | Fall 1984 | | Difference | |
|---|---|---|---|---|---|---|
| MALE | N | % | N | % | N | % |
| First-Time | 316 | 8.6% | 320 | 9.1% | 4 | 1.3% |
| Transfer | 203 | 5.5% | 178 | 5.0% | (25) | -12.3% |
| Returning | 652 | 17.8% | 654 | 18.5% | 2 | 0.3% |
| Readmit | 87 | 2.4% | 128 | 3.6% | 41 | 47.1% |
| Unknown | 6 | 0.2% | 0 | 0.0% | (6) | --- |
| FEMALE | N | % | N | % | N | % |
| First-Time | 545 | 14.9% | 438 | 12.4% | (107) | -19.6% |
| Transfer | 345 | 9.4% | 322 | 9.1% | (23) | -6.7% |
| Returning | 1314 | 35.8% | 1243 | 35.2% | (71) | -5.4% |
| Readmit | 191 | 5.2% | 250 | 7.1% | 59 | 30.9% |
| Unknown | 9 | 0.2% | 1 | .0% | (8) | -88.9% |
| TOTAL | N | % | N | % | N | % |
| First-Time | 861 | 23.5% | 758 | 21.4% | (103) | -12.0% |
| Transfer | 548 | 14.9% | 500 | 14.1% | (48) | -8.8% |
| Returning | 1966 | 53.6% | 1897 | 53.7% | (69) | -3.5% |
| Readmit | 278 | 7.6% | 378 | 10.7% | 100 | 36.0% |
| Unknown | 15 | 0.4% | 1 | .0% | (14) | -93.3% |
| TOTAL | 3668 | 100.0% | 3534 | 100.0% | (134) | -3.7% |

* Figures include all fall sessions for Fall 1983 and Fall 1984.

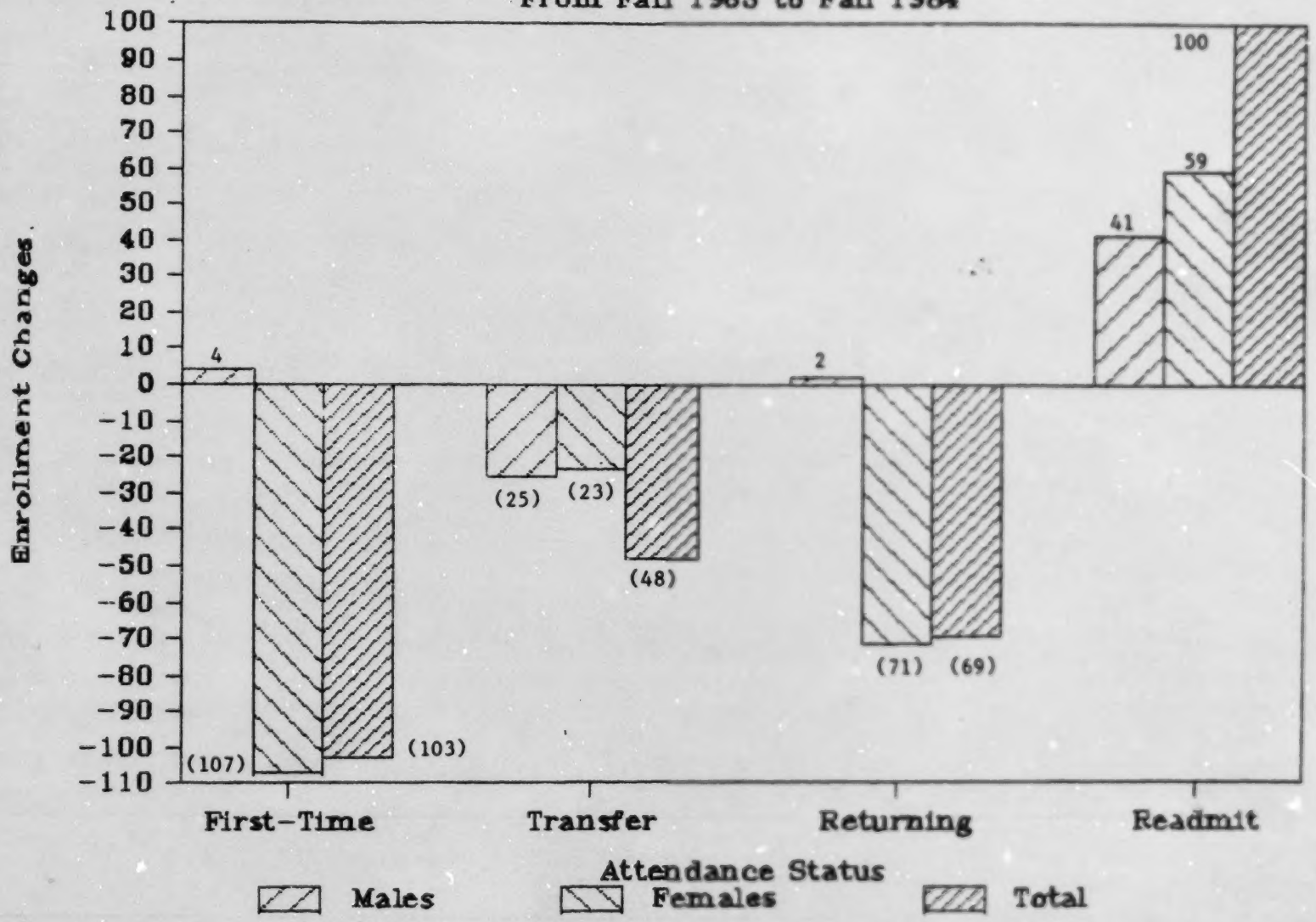


BEST COPY AVAILABLE

# CHART XII

## ENROLLMENT DECREASES BY REGISTRATION

From Fall 1983 to Fall 1984




Howard Community College
Office of Institutional Research
29-Nov-84



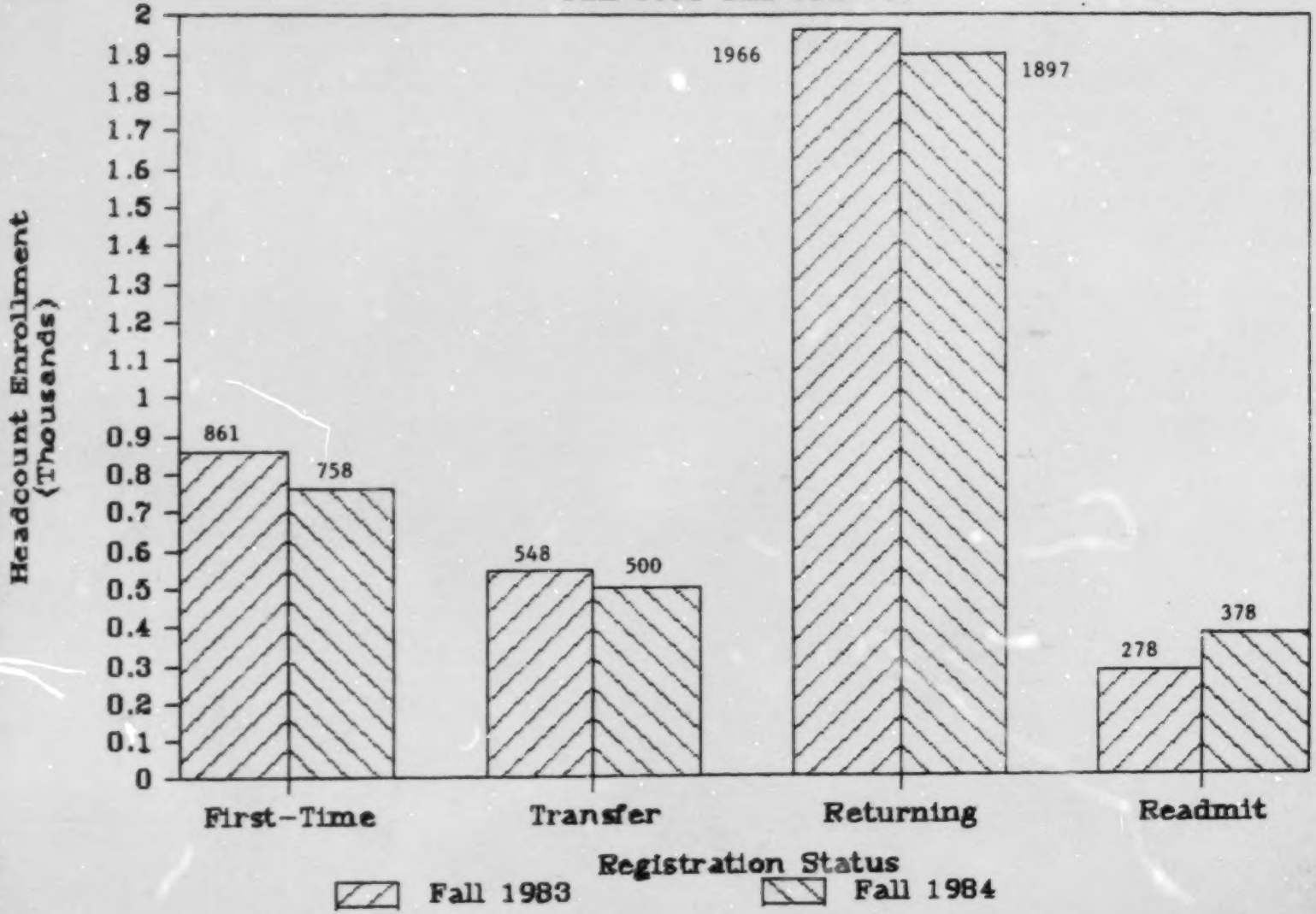


BEST COPY AVAILABLE

# CHART XIII

## ENROLLMENT BY REGISTRATION STATUS

**Fall 1983 and Fall 1984**




Howard Community College
Office of Institutional Research
29-Nov-84



BEST COPY AVAILABLE

TABLE V

FALL 1983 TO FALL 1984 COMPARISONS BY ATTENDANCE AND REGISTRATION STATUS

**********

Further analysis of registration states that both full- and part-time first-time students declined. First-time, full-time students declined by 15 students or 6.2%. First-time, part-time students declined by 88 students or 14.2%. These are almost all females.

**********

TABLE V

| | Fall 1983 | | Fall 1984 | | Difference | |
|---|---|---|---|---|---|---|
| FULL-TIME | N | % | N | % | N | % |
| First-Time | 242 | 6.6% | 227 | 6.4% | (15) | -6.2% |
| Transfer | 60 | 1.6% | 63 | 1.8% | 3 | 5.0% |
| Returning | 468 | 12.8% | 452 | 12.8% | (16) | -3.4% |
| Readmit | 21 | 0.6% | 31 | 0.9% | 10 | 47.6% |
| Unknown | 1 | .0% | 0 | 0.0% | (1) | --- |
| PART-TIME | N | % | N | % | N | % |
| First-Time | 619 | 16.9% | 531 | 15.0% | (88) | -14.2% |
| Transfer | 488 | 13.3% | 437 | 12.4% | (51) | -10.5% |
| Returning | 1498 | 40.8% | 1445 | 40.9% | (53) | -3.5% |
| Readmit | 257 | 7.0% | 347 | 9.8% | 90 | 35.0% |
| Unknown | 14 | 0.4% | 1 | .0% | (13) | -92.9% |
| Total | 3668 | 100.0% | 3534 | 100.0% | | |

| | Fall 1983 | | Fall 1984 | | Difference | |
|---|---|---|---|---|---|---|
| TOTAL | N | % | N | % | N | % |
| First-Time | 861 | 23.5% | 758 | 21.4% | (103) | -12.0% |
| Transfer | 548 | 14.9% | 500 | 14.1% | (48) | -8.8% |
| Returning | 1966 | 53.6% | 1897 | 53.7% | (69) | -3.5% |
| Readmit | 278 | 7.6% | 378 | 10.7% | 100 | 36.0% |
| Unknown | 15 | 0.4% | 1 | .0% | | |
| TOTAL | 3668 | 100.0% | 3534 | 100.0% | (134) | -3.7% |

* Figures include all fall sessions for Fall 1983 and Fall 1984.

01-Jan-80

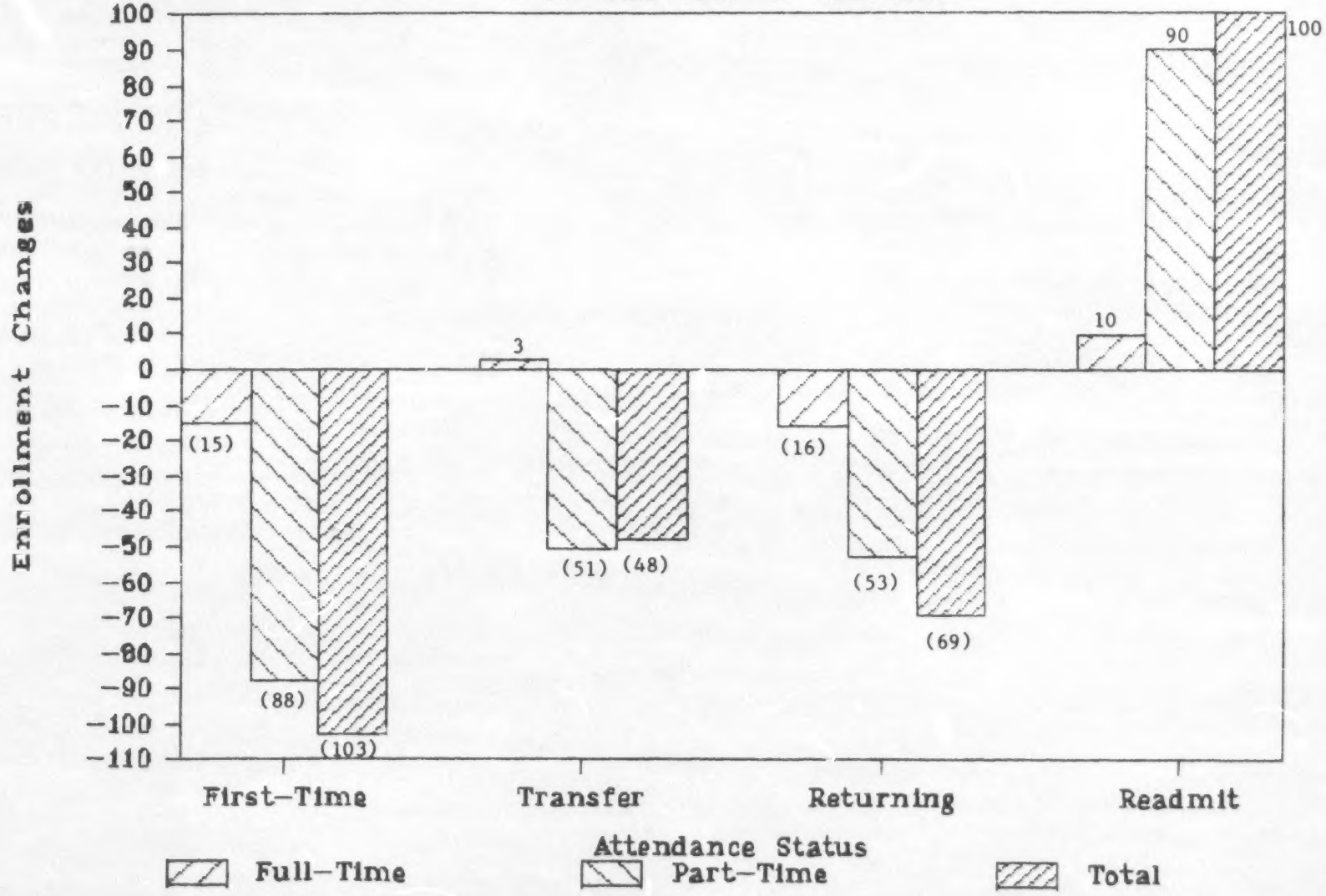


BEST COPY AVAILABLE

# CHART XIV

## CHANGES BY REGISTRATION AND ATTENDANCE

From Fall 1983 to Fall 1984






Howard Community College
Office of Institutional Research

BEST COPY AVAILABLE

BEST COPY AVAILABLE



TABLE VI

FALL 1983 TO FALL 1984 COMPARISONS BY ACADEMIC PROGRAM

**********

Transfer programs increased by 14.5% (177 students) from Fall 1983 to Fall 1984. Business Administration increased by 84 students (19%). Some of the new emphases such as Information Systems Management may help to explain these increases.

At the same time, occupational programs declined by 9.9% or 149 students. Data Processing, for example, decreased by 86 students (27.6%). This does not mean that students are losing interest in high tech, but that they may be more interested in transfer programs such as Information Systems Management or newer programs such as Computer Technology and Electronics Technology.

Also, this fall's occupational program decreases may be temporary due to unemployment rate decreases. Five and six year trends show increases in occupational enrollments. (see Table VII)

**********

HCC PROGRAM

| | ** Fall 1983 | | ** Fall 1984 | | Difference | |
|---|---|---|---|---|---|---|
| TRANSFER PROGRAMS | N | % Total | N | % Total | N | % |
| Arts & Sciences | 666 | 18.2% | 701 | 19.8% | 35 | 5.3% |
| Business Admin. | 443 | 12.1% | 527 | 14.9% | 84 | 19.0% |
| Engineering | 78 | 2.1% | 113 | 3.2% | 35 | 44.9% |
| Teacher Ed. | 37 | 1.0% | 60 | 1.7% | 23 | 62.2% |
| TRANSFER SUBTOTAL | 1224 | 20.3% | 1401 | 39.6% | 177 | 14.5% |
| OCCUPATIONAL PROGRAMS | | | | | | |
| Accounting | 179 | 4.9% | 160 | 4.5% | -19 | -10.6% |
| BMET | 49 | 1.3% | 44 | 1.2% | -5 | -10.2% |
| Bus. MGMT | 216 | 5.9% | 178 | 5.0% | -38 | -17.6% |
| Computer Technology | * | * | 23 | 0.7% | 23 | 0.0% |
| Constr. Tech. & Carp. | 16 | 0.4% | 38 | 1.1% | 22 | 137.5% |
| DP | 312 | 8.5% | 226 | 6.4% | -86 | -27.6% |
| Electronics | 82 | 2.2% | 94 | 2.7% | 12 | 14.6% |
| Housing Management | 3 | 0.1% | 2 | 0.1% | -1 | -33.3% |
| Nursing | 423 | 11.5% | 368 | 10.4% | -55 | -13.0% |
| Plant Science | 20 | 0.5% | 36 | 1.0% | 16 | 80.0% |
| Retailing | 3 | 0.1% | 3 | 0.1% | 0 | 0.0% |
| Secretarial Science | 183 | 5.0% | 139 | 3.9% | -44 | -24.0% |
| Vision Care | 22 | 0.6% | 48 | 1.4% | 26 | 118.2% |
| OCCUPATIONAL SUBTOTAL | 1508 | 41.1% | 1359 | 38.5% | -149 | -9.9% |
| GENERAL STUDIES | 245 | 6.7% | 238 | 6.7% | -7 | -2.9% |
| SPECIAL STUDENTS | 691 | 18.8% | 536 | 15.2% | -155 | -22.4% |
| TOTAL | 3668 | 100.0% | 3534 | 100.0% | -134 | -3.65% |

* Curriculum not offered.

** Figures include all fall sessions for Fall 1983 and Fall 1984.

19-Nov-84

TABLE VII



FIVE-YEAR OVERVIEW OF HOWARD COMMUNITY COLLEGE PROGRAM ENROLLMENTS

FALL 1980 TO FALL 1984 COMPARISONS ** BY ACADEMIC PROGRAM

**********

- Total Enrollment: Increased 16.2% over the last five fall semesters.
- Total Transfer Programs: Increased 103.3% over the last five fall semesters.
- Total Occupational Programs: Increased 11.2% over 5 years, however, there have been significant declines in the Accounting, Bus. Mgmt., Housing Mgmt., Retailing and Secretarial Science programs.
- General Studies Program: Down 44.7%, possible trend in specialization, difficulty in finding employment with this AA degree.
- Special Students: Down 23.5%, possibly because unemployment is down.
- High Technology programs on the rise, as a result of trends toward automation.

**********

| HCC PROGRAM | ** Fall 1980 | | ** Fall 1984 | | Difference | |
|---|---|---|---|---|---|---|
| TRANSFER PROGRAMS | N | % Total | N | % Total | N | % Change |
| Arts & Sciences | 343 | 11.28% | 701 | 19.84% | 358 | 104.4% |
| Business Admin. | 274 | 9.01% | 527 | 14.91% | 253 | 92.3% |
| Engineering | * | 0.00% | 113 | 3.20% | 113 | 0.0% |
| Teacher Ed. | 72 | 2.37% | 60 | 1.70% | -12 | -16.7% |
| Subtotal Transfer | 689 | 22.65% | 1401 | 39.64% | 712 | 103.3% |
| OCCUPATIONAL PROGRAMS | | | | | | |
| Accounting | 223 | 7.33% | 160 | 4.53% | -63 | -28.3% |
| BMET | 38 | 1.25% | 44 | 1.25% | 6 | 15.8% |
| Business Mgmt. | 201 | 6.61% | 178 | 5.04% | -23 | -11.4% |
| Computer Technology | * | * | 23 | 0.65% | 23 | 100.0% |
| Const. Tech. & Carpent | 25 | 0.82% | 38 | 1.08% | 13 | 52.0% |
| Data Processing | 196 | 6.44% | 226 | 6.40% | 30 | 15.3% |
| Electronics Tech. | 44 | 1.45% | 94 | 2.66% | 50 | 113.6% |
| Housing Management | 11 | 0.36% | 2 | 0.06% | -9 | -81.8% |
| Nursing | 283 | 9.30% | 368 | 10.41% | 85 | 30.0% |
| Plant Science | 15 | 0.49% | 36 | 1.02% | 21 | 140.0% |
| Retailing | 16 | 0.53% | 3 | 0.08% | -13 | -81.3% |
| Secretarial Science | 149 | 4.90% | 139 | 3.93% | -10 | -6.7% |
| Vision Care | 19 | 0.62% | 48 | 1.36% | 29 | 152.6% |
| Phy.& Wholesale Distr | 2 | 0.07% | 0* | 0.00% | -- | -- |
| Subtotal Occupational | 1222 | 40.17% | 1359 | 38.46% | 137 | 11.2% |
| GENERAL STUDIES | 430 | 14.14% | 238 | 6.73% | -192 | -44.7% |
| SPECIAL STUDENTS | 701 | 23.04% | 536 | 15.17% | -165 | -23.5% |
| TOTAL | 3042 | 100.00% | 3534 | 100.00% | 492 | 16.2% |

* Curriculum was not offered.

** Fall 1984 figures include all Fall sessions (regular session, mini-mester and two other sessions). There was only one regular session in Fall 1980.

21-Nov-84

TABLE VIII

FALL 1983 TO FALL 1984 COMPARISONS BY HOWARD COUNTY HIGH SCHOOL

**********

Recent Howard County High School graduates, as a subset of the student population, decreased from Fall 1983 to Fall 1984 by 6.9.% headcount and by 10.8% in Full-time Equivalents (FTE).

During the same period, the number of Howard County High School graduates actually increased by 1.17%.

Trends shows by the HCC I.R. Preliminary Enrollment Analysis (July 1984) have been verified by the official Fall 1984 figures.

**********

RECENT HOWARD COUNTY HIGH SCHOOL GRADUATES

| | Fall 1983 | | Fall 1984 | | DIFFERENCE | |
|---|---|---|---|---|---|---|
| | N | % | N | % | N | % |
| Headcount: Recent HC | 288 | 7.9% | 268 | 7.6% | -20 | -6.94% |
| Headcount: Other Stud | 3380 | 92.1% | 3266 | 92.4% | -114 | -3.37% |
| FTE: Recent HC HS Gra | 105.9 | 12.7% | 94.4 | 11.6% | -12 | -10.89% |
| FTE: Other Students | 731.1 | 87.3% | 718.5 | 88.4% | -13 | -1.72% |
| TOTAL HEADCOUNT | 3668 | 100.0% | 3534 | 100.0% | -134 | -3.65% |
| TOTAL FTE | 837.0 | 100.0% | 812.9 | 100.0% | -24 | -2.88% |

HIGH SCHOOL GRADUATES AS PERCENT OF ALL COUNTY HS GRADUATES

| | Fall 1983 | Fall 1984 | DIFFERENCE | |
|---|---|---|---|---|
| | | | N | % |
| Howard County HS Graduates ** | 1887 | 1909 | 22 | 1.17% |
| Attending HCC | 288 | 268 | -20 | -6.94% |
| FTE | 105.9 | 94.4 | -11.53 | -10.89% |
| Percent Attending HCC | 15.3% | 14.0% | -1.2% | -8.02% |

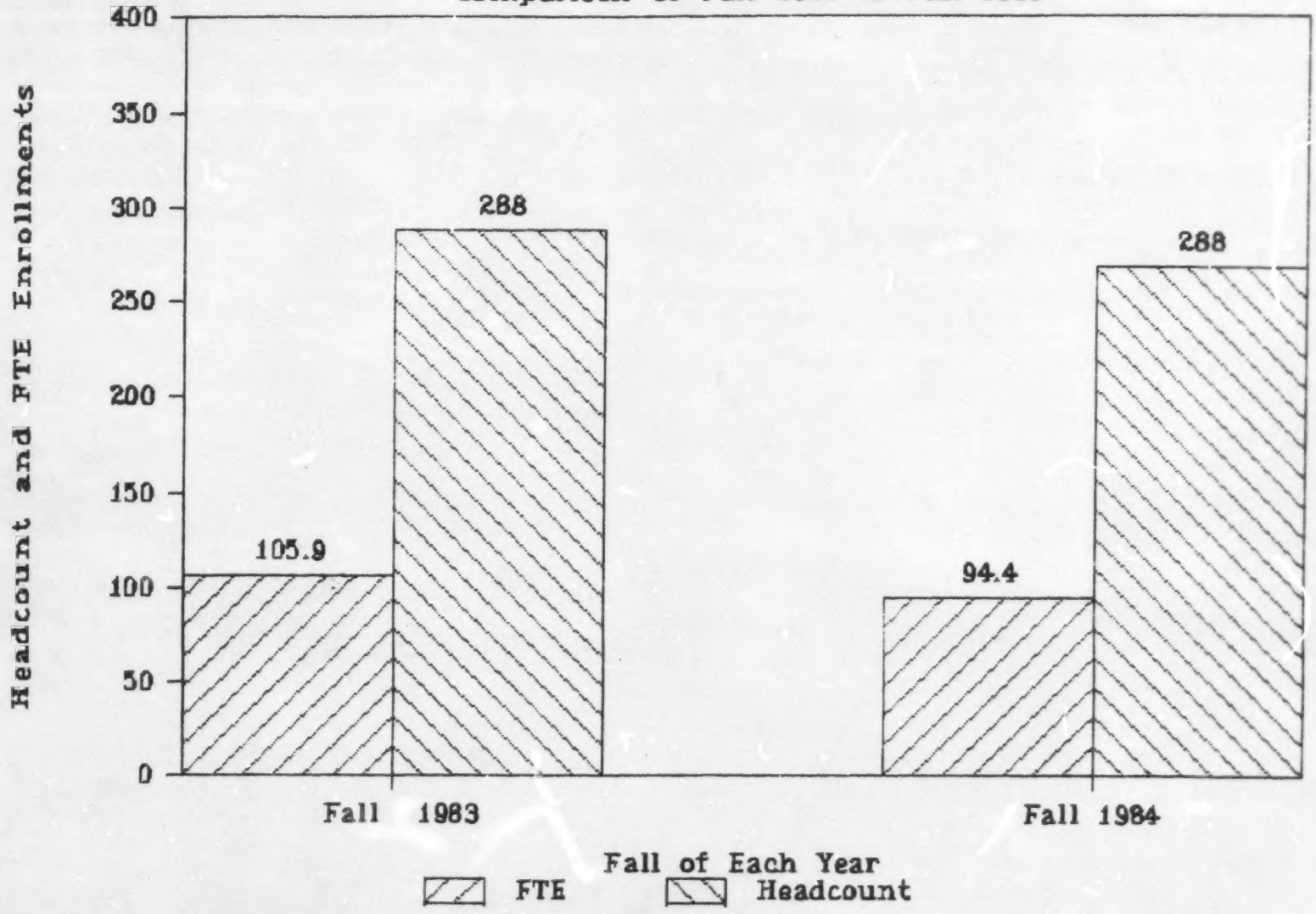
** Official graduates of Howard County High Schools obtained from Director of High Schools Office, October 24, 1984.

01-Jan-80

# CHART XV

## COUNTY HIGH SCHOOL GRADUATES AT HCC

Comparison of Fall 1983 to Fall 1984






Howard Community College
Office of Institutional Research
29-Nov-84

BEST COPY AVAILABLE

TABLE IX

FALL 1983 & 1984 AGE DISTRIBUTIONS BY SEX

| 1984 | MALE | FEMALE | TOTAL |
|---|---|---|---|
| 20 YRS. & UNDER | 437 | 586 | 1023 |
| 21 - 30 YRS. | 542 | 755 | 1297 |
| 31 - 40 YRS. | 195 | 503 | 698 |
| 41 - 50 YRS. | 75 | 287 | 362 |
| 51 YRS. & ABOVE | 31 | 123 | 154 |
| TOTAL | 1280 | 2254 | 3534 |

| 1983 | MALE | FEMALE | TOTAL |
|---|---|---|---|
| 20 YRS. & UNDER | 340 | 470 | 810 |
| 21 - 30 YRS. | 583 | 873 | 1456 |
| 31 - 40 YRS. | 199 | 596 | 795 |
| 41 - 50 YRS. | 98 | 335 | 433 |
| 51 YRS. & ABOVE | 44 | 130 | 174 |
| TOTAL | 1264 | 2404 | 3668 |

* CHANGES IN FEMALE AGEGROUP ENROLLMENTS

| | 1983 | 1984 | CHANGE | % |
|---|---|---|---|---|
| 20 YRS. & UNDER | 470 | 586 | 116 | 24.7% |
| 21 - 30 YRS. | 873 | 755 | -118 | -13.5% |
| 31 - 40 YRS. | 596 | 503 | -93 | -15.6% |
| 41 - 50 YRS. | 335 | 287 | -48 | -14.3% |
| 51 YRS. & ABOVE | 130 | 123 | -7 | -5.4% |

* CHANGES IN MALE AGEGROUP ENROLLMENTS

| | 1983 | 1984 | CHANGE | % |
|---|---|---|---|---|
| 20 YRS. & UNDER | 340 | 437 | 97 | 28.5% |
| 21 - 30 YRS. | 583 | 542 | -41 | -7.0% |
| 31 - 40 YRS. | 199 | 195 | -4 | -2.0% |
| 41 - 50 YRS. | 98 | 75 | -23 | -23.5% |
| 51 YRS. & ABOVE | 44 | 31 | -13 | -29.5% |

* CHANGES IN TOTAL AGEGROUP ENROLLMENTS

| | 1983 | 1984 | CHANGE | % |
|---|---|---|---|---|
| 20 YRS. & UNDER | 810 | 1023 | 213 | 26.3% |
| 21 - 30 YRS. | 1456 | 1297 | -159 | -10.9% |
| 31 - 40 YRS. | 795 | 698 | -97 | -12.2% |
| 41 - 50 YRS. | 433 | 362 | -71 | -16.4% |
| 51 YRS. & ABOVE | 174 | 154 | -20 | -11.5% |
| TOTAL | 3668 | 3534 | -134 | -3.7% |

TABLE IX (continued)

**********

From 1983 to 1984 all female enrollments decreased except in the 20 years & under agegroup which increased by 24.7%.

The greatest decrease is seen in the 31 - 40 years agegroup, down 15.6%.

From 1983 to 1984 all male enrollments decreased except in the 20 years & under agegroup which increased by 28.5%.

The greatest decrease is seen in the 51 years & above agegroup, down 29.5%.

From 1983 to 1984 total enrollments decreased except in the 20 years & under agegroup which increased 26.3%.

The greatest decrease in total enrollment is seen in the 41 - 50 years agegroup, down 16.4%.

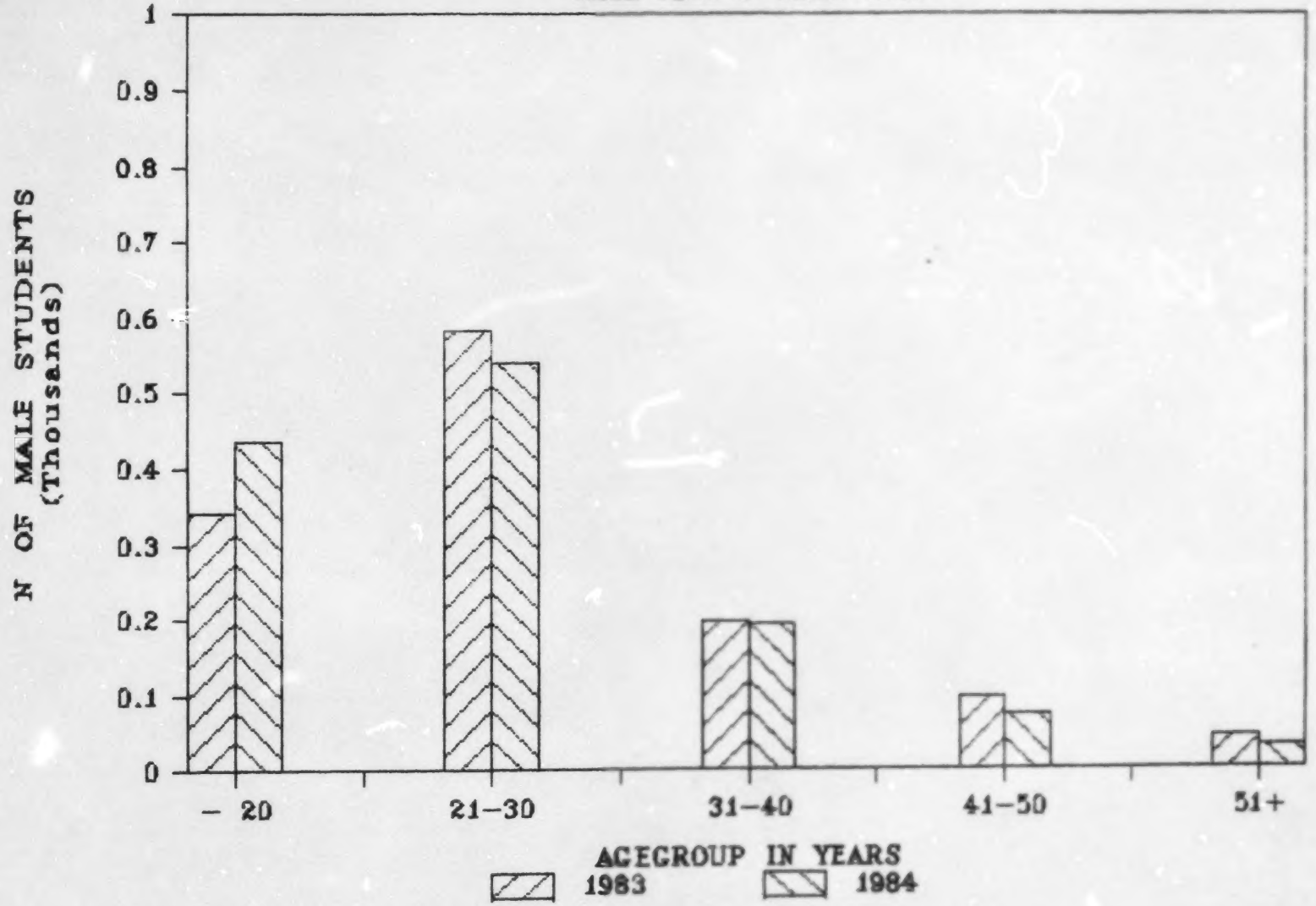
Total agegroup enrollment, down 3.7%.

**********

# CHART XVI

## CHANGES IN MALE AGEGROUP ENROLLMENTS

FALL 1983 & FALL 1984




Howard Community College
Office of Institutional Research
29-Nov-84



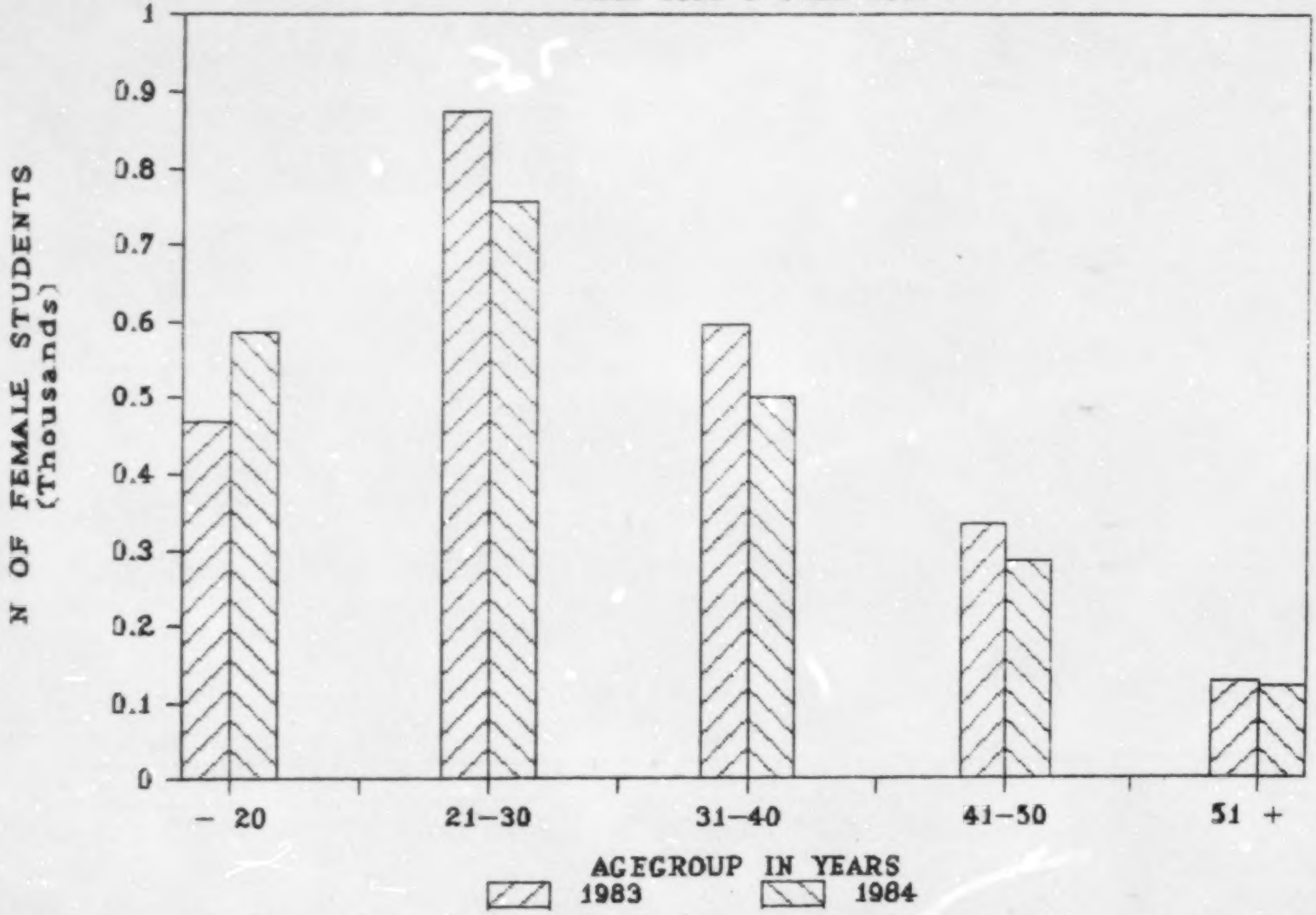


BEST COPY AVAILABLE

# CHART XVII

## CHANGES IN FEMALE AGEGROUP ENROLLMENTS

FALL 1983 & FALL 1984




Howard Community College
Office of Institutional Research
29-Nov-84

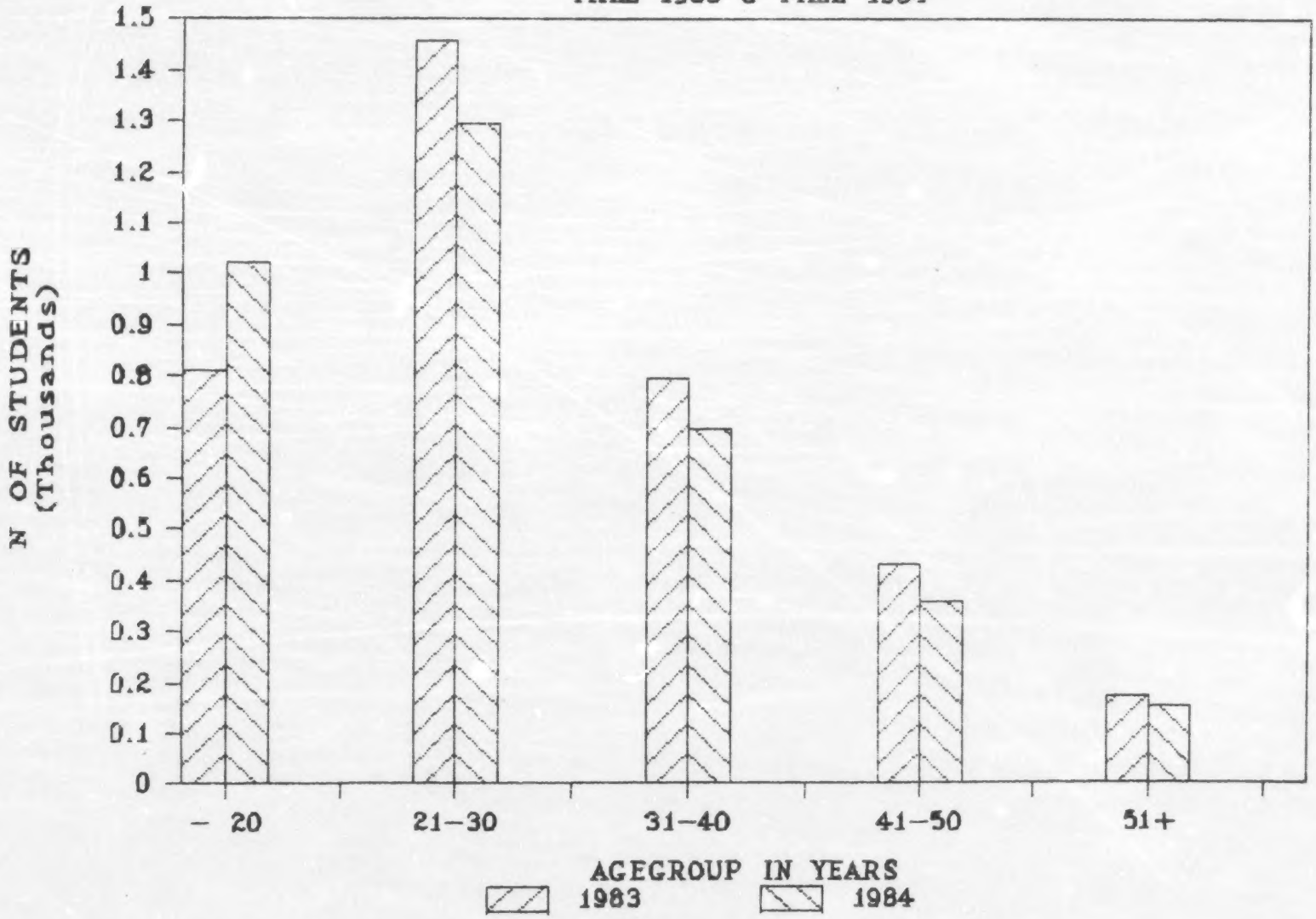


BEST COPY AVAILABLE

# CHART XVIII

## CHANGE IN TOTAL AGEGROUP ENROLLMENT

FALL 1983 & FALL 1984




Howard Community College
Office of Institutional Research
29-Nov-84





BEST COPY AVAILABLE

# APPENDIX A

## MARYLAND COMMUNITY COLLEGES

## OPENING FALL 1984 ENROLLMENT *
## (PRELIMINARY DATA)

*** Enrollment Declines appeared statewide in fifteen out of the seventeen Maryland Community Colleges. Only Charles and Chesapeake Community Colleges experienced increases.

*** Overall, Maryland Community College Fall 1984 credit enrollments (preliminary) were 5,001 students, or 4.8%, below Fall 1983.

*** Full-time enrollments dropped by 2,942 students (9.8%).

*** Part-time enrollments dropped by 2,060 (2.8%).

*** Full-time Freshmen decreased by 822 (8.0%).
This is the third year of declines in full-time freshmen.

*** Female enrollments dropped by 3,071 (4.9%).
This is particularly important since "most growth among part-time undergraduates has been the result of increases of women, particularly in the community colleges (Maryland State Board for Higher Education. October 30, 1984). "

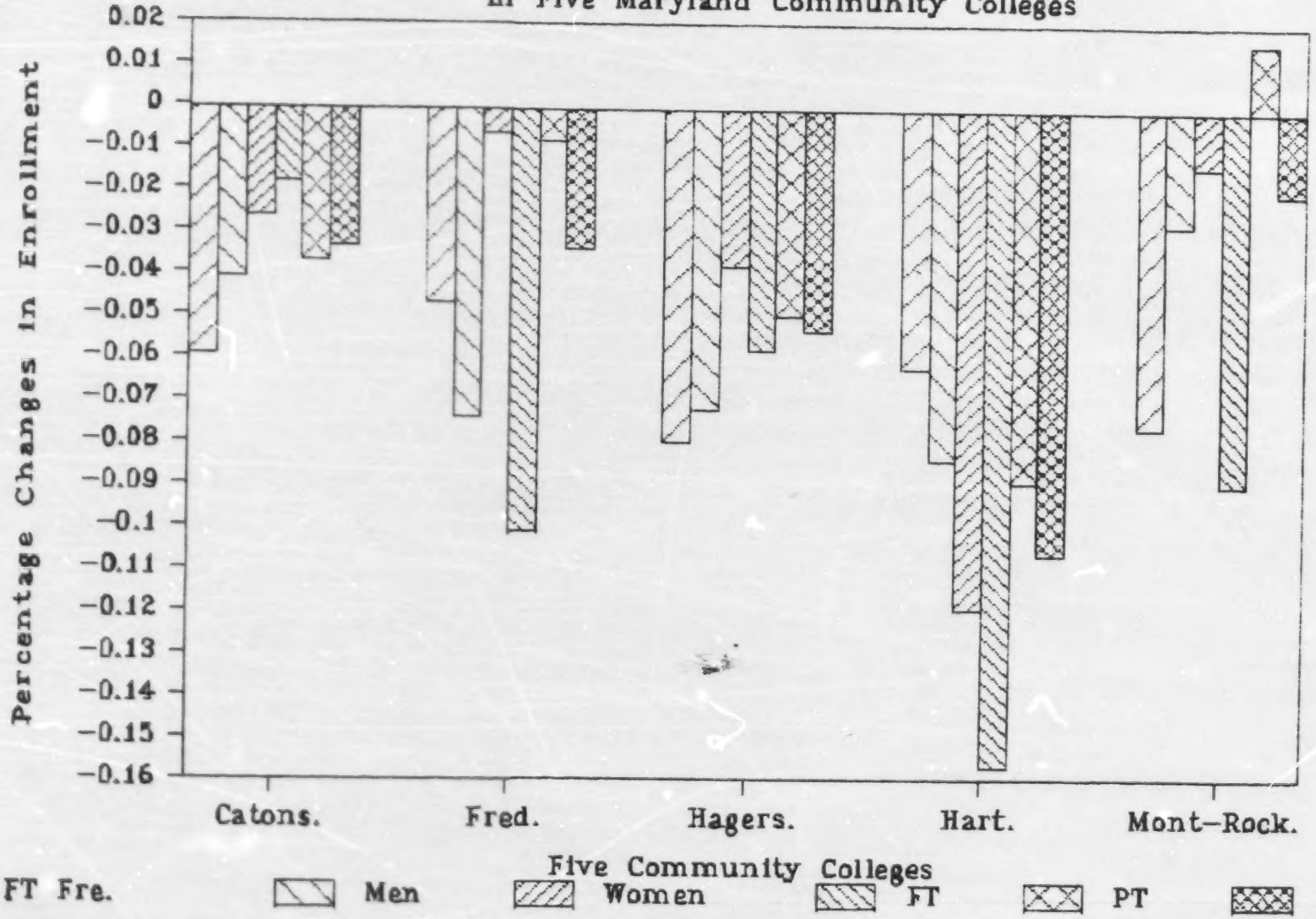
*** The accompanying table (Table A) shows the patterns of Fall 1984 enrollment changes in five Maryland Community Colleges -- Montgomery - Rockville, Frederick, Catonsville, Hagerstown, and Harford.

* Postsecondary Education Data Reports: Opening Fall Enrollment, 1984, Preliminary Data. Maryland State Board for Higher Education, October 30, 1984.

# CHART XIX

## ENROLLMENT PATTERNS BY PERCENTAGE

In Five Maryland Community Colleges




Howard Community College
Office of Institutional Research
29-Nov-84



BEST COPY AVAILABLE



A-2

TABLE X

ENROLLMENT CHANGE PATTERNS BY PERCENTAGE
In Five Maryland Community Colleges

| | PERCENTAGE CHANGES | | | | | |
|---|---|---|---|---|---|---|
| College | New FT Fr | Men | Women | FT | PT | TOTAL |
| Catons. | -5.9% | -4.1% | -2.6% | -1.8% | -3.7% | -3.3% |
| Fred. | -4.7% | -7.4% | -0.6% | -10.1% | -0.8% | -3.4% |
| Hagers. | -8.0% | -7.2% | -3.8% | -5.8% | -5.0% | -5.3% |
| Harf. | -6.2% | -8.4% | -11.9% | -15.7% | -8.9% | -10.6% |
| Mont-Rock. | -7.6% | -2.8% | -1.4% | -9.0% | 1.6% | -2.0% |

# APPENDIX B

Retention Data

Non-Returning Students

Spring 1984

| | |
|---|---|
| Total Number of Students to be Contacted by Telephone | 1258 |
| Number of Students Contacted | 520 |
| Percent of Students Contacted | 41 |

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Number of students who attended Fall 1983 and did not return Spring 1984:

| Sex | N | % |
|---|---|---|
| Male | 171 | (33.0) |
| Female | 349 | (67.0) |
| | 520 | |

| Racial/Ethnic Background | | |
|---|---|---|
| Unknown | 29 | (5.5) |
| Black | 50 | (1.0) |
| American Indian | 2 | (0.5) |
| Asian | 11 | (2.0) |
| Hispanic | 3 | (0.5) |
| White | 412 | (79.0) |
| Other | 13 | (2.5) |
| | 520 | |

Admission Status (of students contacted)

| | | |
|---|---|---|
| First Time College | 225 | (43%) |
| Previous Post-Secondary | 165 | (32%) |
| Readmit | 130 | (25%) |
| | 520 | |

Highest Degree/Certificate/Diploma Received

| | | |
|---|---|---|
| No Post-Secondary Degree | 283 | (54%) |
| Certificate Below Associate | 7 | ( 1%) |
| Associate Degree | 64 | (12%) |
| Bachelor's | 54 | (10%) |
| Master's | 16 | ( 3%) |
| Doctorate | 10 | ( 2%) |
| First Professional | 3 | ( 1%) |
| Other Undergraduate Certificate | 1 | ( .5%) |
| Post-Baccalaureate Certificate | 0 | ( 0 ) |
| Advanced Graduate Certificate | 0 | ( 0 ) |
| First Professional Certificate | 1 | ( .5%) |
| No Response | 81 | (16%) |
| | 520 | |

---

Reasons for Not Returning

| | | |
|---|---|---|
| Personal | 37 | ( 7%) |
| Financial | 29 | ( 6%) |
| Health | 34 | ( 7%) |
| Employed | 59 | (11%) |
| Reached educational goals & objectives | 43 | ( 8%) |
| Limited course offerings | 22 | ( 4%) |
| Enrolled in a four-year institution | 51 | (10%) |
| Attending another community college | 16 | ( 3%) |
| Release time student | 6 | ( 1%) |
| Dissatisfied with the college | 12 | ( 2%) |
| Poor instructor | 6 | ( 1%) |
| Schedule conflict with employment | 56 | (11%) |
| Family obligations | 18 | ( 3%) |
| Relocated | 20 | ( 4%) |
| Taking a break from school | 34 | ( 7%) |
| Armed Services | 7 | ( 1%) |

| | | |
|---|---|---|
| Poor grades | 4 | ( 1%) |
| Randomly taking courses | 47 | ( 9%) |
| Transportation | 3 | ( 1%) |
| No response | 16 | ( 3%) |
| | 520 | |

---

Plan to re-enroll at HCC in the Fall 1984

| | | |
|---|---|---|
| Yes | 140 | (27%) |
| No | 229 | (44%) |
| Undecided | 120 | (23%) |
| No response | 31 | ( 6%) |
| | 520 | |

MEBD:eaw

MAY 3 1985
ERIC Clearinghouse for Junior Colleges
8118 Math-Sciences Building
University of California
Los Angeles, California 90024